

RAVEN
FORK

INPUT CARD LISTING

| | | | | | | | | | | | |
|----------|-----------------------|--------|--------|--------|--------|--------|-------|----------------|--------|--------|-------|
| T1 | CHEROKEE INDIAN LANDS | | | | | | | DSN=RAVENFK1 | 1000 | | |
| T2 | 10-YEAR FLOOD | | | | | | | H011270 JHN | 2000 | | |
| T3 | RAVEN FORK | | | | | | | FLOOD PROFILES | 3000 | | |
| J1 | 3 | | | | | | | 2299.0 | 4000 | | |
| J2 | -1 | | | | | | | | 5000 | | |
| J3 | 150 | 0 | 160 | | | | | | 6000 | | |
| J6 | 1 | | | | | | | | 6100 | | |
| NC | .12 | .10 | .055 | .1 | .5 | | | | 7000 | | |
| QT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | 8000 | | | |
| ET | | | | | | | | | 9000 | | |
| X1 | 5.96 | 17 | 352 | 434 | 600 | 450 | 500 | 10000 | | | |
| GR2344.8 | 0 | 2313.1 | 69 | 2305.3 | 97 | 2308.2 | 140 | 2309.2 | 189 | 11000 | |
| GR2308.1 | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.8 | 352 | 12000 | |
| GR2293.8 | 434 | 2295.1 | 434 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 | 13000 | |
| GR2303.6 | 556 | 2333.2 | 601 | | | | | | | 14000 | |
| NC | .12 | .06 | .055 | .1 | .5 | | | | 15000 | | |
| QT | 6 | 2564 | 5285 | 8449 | 10092 | 13935 | 10092 | 16000 | | | |
| ET | | | | | | | | | 17000 | | |
| X1 | 6.14 | 25 | 370 | 456 | 900 | 730 | 840 | 18000 | | | |
| GR2325.0 | 73 | 2315.6 | 109 | 2313.3 | 159 | 2313.6 | 206 | 2314.1 | 222 | 19000 | |
| GR2313.3 | 255 | 2312.9 | 291 | 2312.0 | 305 | 2308.7 | 342 | 2305.5 | 366 | 20000 | |
| GR2304.1 | 370 | 2301.7 | 377 | 2300.2 | 385 | 2299.8 | 409 | 2299.7 | 419 | 21000 | |
| GR2299.3 | 430 | 2299.8 | 441 | 2301.6 | 449 | 2304.0 | 456 | 2308.5 | 460 | 22000 | |
| GR2315.2 | 469 | 2316.3 | 476 | 2317.1 | 496 | 2316.2 | 502 | 2325.0 | 519 | 23000 | |
| NH | 4 | .15 | 445 | .06 | 525 | .08 | 599 | .05 | 733 | 24000 | |
| QT | 6 | 2558 | 5278 | 8436 | 10075 | 13914 | 10075 | 25000 | | | |
| ET | | | | | | | | | 26000 | | |
| X1 | 6.25 | 33 | 445 | 525 | 620 | 620 | 620 | 27000 | | | |
| GR2330.0 | 9 | 2320.5 | 46 | 2318.7 | 71 | 2317.6 | 140 | 2317.2 | 176 | 28000 | |
| GR2317.3 | 186 | 2317.3 | 238 | 2317.8 | 261 | 2319.2 | 322 | 2319.5 | 445 | 29000 | |
| GR2314.0 | 452 | 2311.2 | 463 | 2308.3 | 466 | 2307.3 | 466 | 2306.4 | 472 | 30000 | |
| GR2306.7 | 488 | 2306.4 | 498 | 2307.3 | 509 | 2308.5 | 519 | 2309.0 | 525 | 31000 | |
| GR2310.9 | 553 | 2311.6 | 573 | 2313.6 | 586 | 2317.0 | 593 | 2317.9 | 599 | 32000 | |
| GR2318.1 | 621 | 2316.9 | 627 | 2317.0 | 633 | 2316.0 | 636 | 2317.8 | 645 | 33000 | |
| GR2319.3 | 662 | 2320.7 | 675 | 2330.0 | 733 | | | | 34000 | | |
| NC | .15 | .07 | .05 | .3 | .8 | | | | 35000 | | |
| QT | 6 | 2550 | 5267 | 8417 | 10051 | 13885 | 10051 | 36000 | | | |
| ET | | | | | | | | | 37000 | | |
| X1 | 6.41 | 29 | 250 | 335 | 740 | 740 | 740 | 38000 | | | |
| GR2330.8 | 0 | 2326.8 | 106 | 2326.4 | 134 | 2325.6 | 165 | 2325.4 | 205 | 39000 | |
| GR2324.0 | 210 | 2323.8 | 223 | 2318.9 | 230 | 2317.0 | 240 | 2316.0 | 250 | 40000 | |
| GR2315.0 | 250 | 2313.2 | 255 | 2313.0 | 275 | 2312.5 | 296 | 2312.6 | 301 | 41000 | |
| GR2312.4 | 312 | 2312.7 | 317 | 2314.0 | 325 | 2316.5 | 326 | 2318.2 | 335 | 42000 | |
| GR2319.9 | 351 | 2322.9 | 364 | 2322.9 | 381 | 2321.9 | 389 | 2324.2 | 450 | 43000 | |
| GR2325.3 | 475 | 2326.0 | 550 | 2328.0 | 582 | 2340.0 | 582 | | | 44000 | |
| ET | | | | | | | | | 45000 | | |
| X1 | 6.41 | | | | | | 40 | 40 | 40 | 46000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 85.01 | .01 | 748 | 0 | 2314.0 | 2314.0 | 47000 |
| ET | | | | | | | | | 48000 | | |
| X1 | 6.41 | | | | | | 30 | 30 | 30 | 49000 | |
| X2 | | | 1 | 2322.8 | 2324.4 | | | | | 50000 | |
| BT | 18 | 0 | 2335.3 | 0 | 75 | 2330.3 | 0 | 135 | 2328.4 | 0 | 51000 |
| BT | 190 | 2325.4 | 0 | 194 | 2324.3 | 0 | 197 | 2324.9 | 0 | 217 | 52000 |
| BT2325.1 | 0 | 244 | 2325.6 | 0 | 245 | 2328.0 | 0 | 298 | 2328.4 | 53000 | |
| BT | 0 | 335 | 2328.0 | 0 | 337 | 2325.7 | 0 | 379 | 2325.1 | 0 | 54000 |
| BT | 384 | 2324.4 | 0 | 439 | 2326.3 | 0 | 537 | 2330.9 | 0 | 582 | 55000 |

| | | | | | | | | | | |
|----------|------|--------|--------|--------|-------|--------|-----|--------|-----|--------|
| BT2330.9 | 0 | 582 | 2340.0 | | | | | | | 56000 |
| ET | | | | | | | | | | 57000 |
| X1 6.41 | 23 | 250 | 335 | 10 | 10 | 10 | | | | 58000 |
| GR2333.0 | 0 | 2331.6 | 45 | 2329.0 | 150 | 2326.1 | 200 | 2326.1 | 223 | 59000 |
| GR2316.5 | 250 | 2314.9 | 255 | 2313.6 | 262 | 2313.3 | 274 | 2314.0 | 283 | 60000 |
| GR2313.1 | 290 | 2313.0 | 300 | 2313.2 | 313 | 2313.8 | 320 | 2314.7 | 325 | 61000 |
| GR2316.5 | 326 | 2319.0 | 335 | 2326.4 | 361 | 2326.4 | 381 | 2328.4 | 461 | 62000 |
| GR2329.5 | 553 | 2330.5 | 582 | 2340.0 | 582 | | | | | 63000 |
| NC | | | .1 | .5 | | | | | | 63100 |
| NH 5 | .15 | 238 | .18 | 264 | .05 | 341 | .15 | 378 | .07 | 64000 |
| NH 572 | | | | | | | | | | 65000 |
| ET | | | | | | | | | | 66000 |
| X1 6.5 | 28 | 264 | 341 | 480 | 480 | 480 | | | | 67000 |
| GR2340.0 | 3 | 2331.5 | 70 | 2329.6 | 120 | 2329.2 | 137 | 2329.1 | 150 | 68000 |
| GR2328.4 | 176 | 2328.0 | 220 | 2326.6 | 225 | 2326.4 | 238 | 2321.7 | 245 | 69000 |
| GR2320.0 | 252 | 2318.9 | 264 | 2317.1 | 266 | 2315.9 | 270 | 2315.3 | 307 | 70000 |
| GR2315.2 | 327 | 2315.8 | 334 | 2316.5 | 339 | 2319.3 | 341 | 2321.2 | 352 | 71000 |
| GR2322.7 | 367 | 2325.6 | 378 | 2325.6 | 396 | 2324.8 | 403 | 2327.1 | 470 | 72000 |
| GR2327.9 | 484 | 2328.5 | 530 | 2340.0 | 572 | | | | | 73000 |
| NH 4 | .15 | 232 | .18 | 310 | .065 | 415 | .07 | 538 | | 74000 |
| QT 6 | 2541 | 5255 | 8396 | 10024 | 13851 | 10024 | | | | 75000 |
| ET | | | | | | | | | | 76000 |
| X1 6.59 | 19 | 310 | 415 | 490 | 490 | 490 | | | | 77000 |
| GR2350.0 | 36 | 2335.9 | 88 | 2334.2 | 105 | 2335.2 | 150 | 2335.9 | 200 | 78000 |
| GR2336.0 | 232 | 2334.5 | 252 | 2332.1 | 278 | 2329.2 | 297 | 2328.0 | 310 | 79000 |
| GR2325.5 | 314 | 2324.2 | 323 | 2323.0 | 339 | 2323.5 | 395 | 2325.6 | 408 | 80000 |
| GR2326.3 | 415 | 2328.4 | 434 | 2336.7 | 465 | 2350.0 | 538 | | | 81000 |
| NH 4 | .15 | 250 | .18 | 328 | .065 | 430 | .07 | 453 | | 82000 |
| ET | | | | | | | | | | 83000 |
| X1 6.66 | 20 | 328 | 430 | 370 | 370 | 370 | | | | 84000 |
| GR2355.0 | 37 | 2337.0 | 106 | 2335.2 | 121 | 2336.6 | 189 | 2337.0 | 220 | 85000 |
| GR2337.1 | 250 | 2335.4 | 267 | 2332.8 | 300 | 2330.0 | 317 | 2329.1 | 328 | 86000 |
| GR2326.7 | 332 | 2326.2 | 334 | 2325.3 | 341 | 2325.0 | 345 | 2325.0 | 417 | 87000 |
| GR2326.8 | 428 | 2327.0 | 430 | 2329.4 | 453 | 2337.7 | 483 | 2355.0 | 578 | 88000 |
| NH 4 | .20 | 178 | .06 | 294 | .06 | 325 | .08 | 476 | | 89000 |
| QT 6 | 2533 | 5243 | 8376 | 9998 | 13819 | 9998 | | | | 90000 |
| ET | | | | | | | | | | 91000 |
| X1 6.76 | 20 | 178 | 294 | 600 | 600 | 600 | | | | 92000 |
| GR2365.0 | 80 | 2349.7 | 120 | 2349.0 | 159 | 2343.3 | 161 | 2339.6 | 178 | 93000 |
| GR2337.4 | 181 | 2335.9 | 192 | 2335.9 | 201 | 2335.1 | 220 | 2334.2 | 260 | 94000 |
| GR2333.3 | 271 | 2336.0 | 281 | 2337.7 | 289 | 2340.3 | 294 | 2345.0 | 309 | 95000 |
| GR2349.3 | 319 | 2349.8 | 325 | 2349.8 | 421 | 2355.0 | 459 | 2365.0 | 476 | 96000 |
| X1 6.84 | | | 400 | 400 | 400 | 400 | | | 6 | 96100 |
| NH 6 | .15 | 43 | .06 | 140 | .10 | 176 | .05 | 250 | .10 | 97000 |
| NH 384 | .08 | 600 | | | | | | | | 98000 |
| QT 6 | 2524 | 5233 | 8357 | 9973 | 13789 | 9973 | | | | 99000 |
| ET | | | | | | | | | | 100000 |
| X1 6.92 | 22 | 43 | 140 | 480 | 320 | 480 | | | | 101000 |
| GR2386.2 | 0 | 2352.5 | 43 | 2346.5 | 50 | 2345.2 | 50 | 2345.2 | 118 | 102000 |
| GR2346.5 | 118 | 2352.4 | 140 | 2353.2 | 159 | 2351.6 | 176 | 2345.2 | 184 | 103000 |
| GR2345.2 | 226 | 2354.0 | 250 | 2354.0 | 260 | 2354.0 | 265 | 2354.0 | 266 | 104000 |
| GR2354.0 | 384 | 2353.9 | 401 | 2353.9 | 494 | 2356.1 | 511 | 2356.1 | 530 | 106000 |
| GR2353.3 | 540 | 2382.7 | 600 | | | | | | | 107000 |
| NC | .15 | .07 | .06 | | | | | | | 108000 |
| QT 6 | 2516 | 5221 | 8337 | 9947 | 13758 | 9947 | | | | 109000 |
| ET | | | | | | | | | | 110000 |
| X1 7.09 | 19 | 125 | 189 | 840 | 640 | 840 | | | | 111000 |
| GR2375.0 | 5 | 2363.4 | 43 | 2362.7 | 80 | 2361.4 | 91 | 2360.7 | 105 | 112000 |
| GR2355.5 | 125 | 2352.7 | 129 | 2352.7 | 141 | 2352.7 | 145 | 2352.7 | 165 | 113000 |
| GR2352.7 | 180 | 2360.0 | 189 | 2366.0 | 199 | 2366.0 | 211 | 2365.2 | 229 | 114000 |

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| | | | | | | | | | | | |
|----------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|
| GR2363.6 | 235 | 2365.1 | 243 | 2367.5 | 248 | 2375.0 | 249 | | 115000 | | |
| NC | .13 | .09 | .07 | | | | | | 116000 | | |
| QT | 0 | 2507 | 5208 | 8314 | 9918 | 13722 | 9918 | | 117000 | | |
| ET | | | | | | | | | 118000 | | |
| X1 | 7.28 | 12 | 85 | 183 | 1040 | 1040 | 1040 | | 119000 | | |
| GR2409.7 | 0 | 2376.9 | 70 | 2369.7 | 85 | 2366.4 | 91 | 2365.0 | 110 | 120000 | |
| GR2365.0 | 137 | 2366.4 | 163 | 2370.9 | 183 | 2374.1 | 243 | 2378.2 | 277 | 121000 | |
| GR2376.1 | 329 | 2400.0 | 365 | | | | | | | 122000 | |
| NC | .10 | .10 | .055 | | | | | | | 123000 | |
| QT | 6 | 2500 | 5200 | 8300 | 9900 | 13700 | 9900 | | | 124000 | |
| ET | | | | | | | | | | 125000 | |
| X1 | 7.41 | 31 | 136 | 249 | 640 | 520 | 640 | | | 126000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 127000 | |
| GR2384.7 | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 128000 | |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 129000 | |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 130000 | |
| GR2375.2 | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.2 | 281 | 131000 | |
| GR2380.4 | 290 | 2379.8 | 300 | 2376.9 | 312 | 2381.8 | 408 | 2395.0 | 420 | 132000 | |
| GR2400.0 | 426 | | | | | | | | | 133000 | |
| X1 | 7.41 | 28 | 112 | 250 | 40 | 40 | 40 | | | 134000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 135000 | |
| GR2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 136000 | |
| GR2373.2 | 174 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 137000 | |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 138000 | |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 139000 | |
| GR2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 140000 | |
| X1 | 7.41 | 35 | 112 | 250 | 1 | 1 | 1 | | | 141000 | |
| BT | 10 | 46 | 2384.8 | 0 | 110 | 2385.4 | 0 | 110 | 2387.5 | 0 | 142000 |
| BT | 112 | 2387.5 | 0 | 112 | 2387.5 | 2382.4 | 250 | 2387.5 | 2382.4 | 250 | 143000 |
| BT2387.5 | 0 | 252 | 2387.5 | 0 | 252 | 2385.3 | 0 | 272 | 2384.9 | | 144000 |
| BT | 0 | | | | | | | | | | 145000 |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 146000 | |
| GR2385.4 | 110 | 2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 147000 | |
| GR2382.4 | 151 | 2382.4 | 153 | 2374.8 | 153 | 2374.5 | 169 | 2373.2 | 174 | 148000 | |
| GR2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 2382.4 | 211 | 149000 | |
| GR2382.4 | 213 | 2373.8 | 213 | 2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 150000 | |
| GR2378.1 | 242 | 2378.2 | 250 | 2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 151000 | |
| GR2381.3 | 351 | 2381.3 | 368 | 2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | 152000 | |
| X1 | 7.41 | | | 30 | 30 | 30 | | | | 153000 | |
| X2 | | | | | | | | | | 154000 | |
| NC | .10 | .10 | .045 | | | | | | | 155000 | |
| X1 | 7.41 | 28 | 112 | 250 | 1 | 1 | 1 | | | 156000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 157000 | |
| GR2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 158000 | |
| GR2373.2 | 174 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 159000 | |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 160000 | |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 161000 | |
| GR2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 162000 | |
| X1 | 7.41 | 31 | 136 | 249 | 10 | 10 | 10 | | | 163000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 164000 | |
| GR2384.7 | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 165000 | |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 166000 | |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 167000 | |
| GR2375.2 | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.4 | 280 | 168000 | |
| GR2381.3 | 350 | 2381.3 | 368 | 2380.7 | 389 | 2380.7 | 397 | 2395.0 | 420 | 169000 | |
| GR2400.0 | 426 | | | | | | | | | 170000 | |
| NC | .15 | .13 | .06 | | | | | | | 171000 | |
| QT | 6 | 2082 | 4200 | 6882 | 8282 | 11482 | 8282 | | | 172000 | |
| ET | | | | | | | | | | 173000 | |
| X1 | 7.58 | 16 | 53 | 206 | 890 | 890 | 890 | | | 174000 | |

| | | | | | | | | | | | |
|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| GR2420.4 | 0 | 2392.0 | 253 | 2386.1 | 174 | 2383.0 | 88 | 2382.0 | 105 | 175000 | |
| GR2382.0 | 155 | 2382.9 | 174 | 2391.1 | 206 | 2391.1 | 216 | 2389.3 | 231 | 176000 | |
| GR2389.4 | 310 | 2392.6 | 328 | 2392.6 | 350 | 2392.5 | 351 | 2393.1 | 486 | 177000 | |
| GR2424.1 | 558 | | | | | | | | | 178000 | |
| NC | .13 | .12 | .06 | | | | | | | 179000 | |
| QT | 6 | 2040 | 4200 | 6840 | 8240 | 11440 | 8240 | | | 180000 | |
| ET | | | | | | | | | | 181000 | |
| X1 7.99 | 14 | 32 | 125 | 2200 | 2320 | 2200 | | | | 182000 | |
| GR2440.0 | 0 | 2418.9 | 32 | 2406.7 | 45 | 2403.8 | 53 | 2403.8 | 89 | 183000 | |
| GR2406.0 | 95 | 2406.8 | 95 | 2417.4 | 125 | 2422.0 | 228 | 2422.0 | 250 | 184000 | |
| GR2419.1 | 267 | 2432.1 | 307 | 2445.2 | 367 | 2459.7 | 418 | | | 185000 | |
| NC | .15 | .12 | .075 | | | | | | | 186000 | |
| ET | | | | | | | | | | 187000 | |
| X1 8.20 | 19 | 71 | 116 | 1090 | 1090 | 1090 | -8.4 | | | 188000 | |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 189000 | |
| GR2437.5 | 86 | 2434.4 | 96 | 2435.0 | 106 | 2441.3 | 116 | 2441.5 | 125 | 190000 | |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 191000 | |
| GR2457.7 | 194 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 192000 | |
| NC | .15 | .12 | .065 | | | | | | | 192100 | |
| X1 8.35 | 19 | 71 | 116 | 770 | 770 | 770 | | | | 193000 | |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 193100 | |
| GR2440.0 | 78 | 2440.0 | 96 | 2440.0 | 114 | 2441.3 | 116 | 2441.5 | 125 | 193200 | |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 193300 | |
| GR2457.7 | 194 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 193400 | |
| QT | 6 | 1200 | 2600 | 4300 | 5200 | 7400 | 5200 | | | 194000 | |
| ET | | | | | | | | | | 195000 | |
| X1 8.39 | 12 | 75 | 130 | 240 | 110 | 160 | | | | 196000 | |
| GR2469.5 | 0 | 2461.0 | 22 | 2460.2 | 55 | 2451.0 | 75 | 2446.0 | 86 | 197000 | |
| GR2444.4 | 90 | 2444.4 | 95 | 2444.5 | 103 | 2445.6 | 113 | 2450.3 | 130 | 198000 | |
| GR2457.3 | 157 | 2475.0 | 181 | | | | | | | 199000 | |
| ET | | | | | | | | | | 200000 | |
| X1 8.39 | | | | 40 | 40 | 40 | | | | 201000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 45.8 | 3 | 574 | 1.46 | 2445.5 | 2445.5 | 202000 |
| ET | | | | | | | | | | 203000 | |
| X1 8.39 | | | | 30 | 30 | 30 | | | | 204000 | |
| X2 | | | 1 | 2455.5 | 2459.0 | | | | | 205000 | |
| BT | 11 | 0 | 2472.0 | 0 | 5 | 2467.5 | 0 | 22 | 2461.0 | 0 | 206000 |
| BT | 55 | 2460.2 | 0 | 57 | 2459.0 | 0 | 75 | 2459.0 | 0 | 75 | 207000 |
| BT2461.0 | 0 | 0 | 80 | 2461.3 | 0 | 160 | 2461.3 | 0 | 162 | 2461.1 | 208000 |
| BT | 0 | 181 | 2475.0 | 0 | | | | | | | 209000 |
| NC | .15 | .12 | .055 | | | | | | | | 210000 |
| ET | | | | | | | | | | | 211000 |
| X1 8.39 | | | | 10 | 10 | 10 | | | | | 212000 |
| NH | 4 | .12 | 220 | .06 | 288 | .08 | 480 | .20 | 753 | | 213000 |
| X1 8.53 | 19 | 220 | 288 | 680 | 800 | 680 | | | | | 215000 |
| GR2513.5 | 0 | 2477.3 | 60 | 2469.2 | 80 | 2470.6 | 94 | 2470.6 | 115 | 216000 | |
| GR2462.7 | 156 | 2457.6 | 220 | 2455.0 | 229 | 2452.5 | 230 | 2452.5 | 273 | 217000 | |
| GR2455.0 | 273 | 2463.0 | 288 | 2464.9 | 318 | 2463.4 | 387 | 2463.4 | 448 | 218000 | |
| GR2464.7 | 480 | 2464.7 | 661 | 2490.3 | 729 | 2513.4 | 753 | | | 219000 | |
| NC | .10 | .13 | .060 | | | | | | | | 220000 |
| ET | | | | | | | | | | | 222000 |
| X1 8.76 | 24 | 726 | 860 | 1240 | 1080 | 1160 | | | | | 223000 |
| GR2512.8 | 0 | 2504.9 | 147 | 2492.5 | 297 | 2490.2 | 310 | 2490.2 | 323 | 224000 | |
| GR2486.9 | 358 | 2480.1 | 453 | 2478.2 | 500 | 2479.5 | 595 | 2476.2 | 631 | 225000 | |
| GR2477.5 | 641 | 2477.5 | 662 | 2475.3 | 695 | 2475.6 | 726 | 2468.0 | 756 | 226000 | |
| GR2466.8 | 775 | 2466.8 | 825 | 2468.0 | 843 | 2472.0 | 860 | 2478.5 | 888 | 227000 | |
| GR2482.0 | 934 | 2482.0 | 948 | 2490.1 | 971 | 2505.4 | 1016 | | | 228000 | |
| NC | .10 | .10 | .055 | | | | | | | | 229000 |
| QT | 6 | 1173 | 2546 | 4219 | 5092 | 7238 | 5092 | | | | 230000 |
| ET | | | | | | | | | | | 231000 |

PRINTED IN U.S.A.

| | | | | | | | | | | | |
|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 8.94 | 18 | 195 | 285 | 760 | 1000 | 880 | | | 232000 | |
| GR2505.0 | | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 233000 |
| GR2489.3 | | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 234000 |
| GR2479.9 | | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 235000 |
| GR2488.9 | | 331 | 2489.6 | 450 | 2501.0 | 494 | | | | | 236000 |
| X1 | 8.94 | | | | 40 | 40 | 40 | | | | 237000 |
| ET | | | | | | | | | | | 238000 |
| SB | 1.25 | 1.6 | 3 | 0 | 51.6 | 4 | 729.3 | 1.7 | 2480.5 | 2480.5 | 239000 |
| X1 | 8.94 | 20 | 195 | 285 | 30 | 30 | 30 | | | | 240000 |
| X2 | | | 1 | 2491.5 | 2492.0 | | | | | | 241000 |
| BT | 12 | 0 | 2505.0 | 0 | 0 | 2494.4 | 0 | 95 | 2492.5 | 0 | 242000 |
| BT | 141 | 2492.0 | 0 | 197 | 2493.7 | 0 | 197 | 2495.5 | 0 | 285 | 243000 |
| BT2495.5 | | 0 | 285 | 2493.7 | 0 | 300 | 2493.6 | 0 | 400 | 2493.4 | 244000 |
| BT | 0 | 500 | 2493.6 | 0 | 526 | 2501.0 | 0 | | | | 245000 |
| GR2505.0 | | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 246000 |
| GR2489.3 | | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 247000 |
| GR2479.9 | | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 248000 |
| GR2488.9 | | 331 | 2492.0 | 370 | 2492.0 | 405 | 2493.6 | 500 | 2501.0 | 526 | 249000 |
| ET | | | | | | | | | | | 250000 |
| X1 | 8.94 | | | | 10 | 10 | 10 | | | | 251000 |
| NC | .10 | .07 | .055 | | | | | | | | 252000 |
| QT | 6 | 1165 | 2530 | 4195 | 5060 | 7190 | 5060 | | | | 253000 |
| ET | | | | | | | | | | | 254000 |
| X1 | 9.10 | 19 | 130 | 210 | 840 | 800 | 840 | | | | 255000 |
| GR2538.5 | | 0 | 2512.2 | 49 | 2512.2 | 86 | 2502.6 | 118 | 2497.5 | 130 | 256000 |
| GR2493.4 | | 139 | 2492.2 | 155 | 2492.2 | 180 | 2493.4 | 193 | 2497.5 | 210 | 257000 |
| GR2501.4 | | 227 | 2501.8 | 241 | 2501.8 | 260 | 2505.5 | 284 | 2505.5 | 441 | 258000 |
| GR2508.8 | | 472 | 2512.6 | 637 | 2520.3 | 785 | 2528.0 | 884 | | | 259000 |
| NC | .12 | .12 | .065 | | | | | | | | 260000 |
| QT | 6 | 1159 | 2518 | 4177 | 5036 | 7154 | 5036 | | | | 261000 |
| ET | | | | | | | | | | | 262000 |
| X1 | 9.22 | 12 | 250 | 323 | 640 | 640 | 640 | | | | 263000 |
| GR2516.7 | | 150 | 2512.9 | 169 | 2509.7 | 189 | 2503.9 | 203 | 2502.3 | 250 | 264000 |
| GR2500.1 | | 272 | 2500.7 | 322 | 2501.0 | 323 | 2508.9 | 337 | 2511.0 | 425 | 265000 |
| GR2512.3 | | 537 | 2515.5 | 560 | | | | | | | 266000 |
| NC | .12 | .12 | .065 | | | | | | | | 267000 |
| QT | 6 | 1154 | 2508 | 4162 | 5016 | 7124 | 5016 | | | | 268000 |
| ET | | | | | | | | | | | 269000 |
| X1 | 9.32 | 19 | 221 | 295 | 560 | 640 | 550 | | | | 270000 |
| GR2522.9 | | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 271000 |
| GR2511.0 | | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 272000 |
| GR2505.7 | | 266 | 2506.0 | 295 | 2509.1 | 306 | 2520.6 | 324 | 2524.0 | 400 | 273000 |
| GR2520.1 | | 495 | 2524.0 | 550 | 2527.0 | 629 | 2530.0 | 690 | | | 274000 |
| ET | | | | | | | | | | | 276000 |
| X1 | 9.33 | 18 | 221 | 295 | 50 | 50 | 50 | | | | 277000 |
| GR2522.9 | | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 278000 |
| GR2511.0 | | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 279000 |
| GR2505.7 | | 266 | 2506.0 | 295 | 2509.1 | 306 | 2524.0 | 400 | 2520.1 | 495 | 280000 |
| GR2524.0 | | 550 | 2527.0 | 629 | 2530.0 | 690 | | | | | 281000 |
| NC | .15 | .12 | .065 | | | | | | | | 282000 |
| QT | 6 | 1149 | 2497 | 4146 | 4994 | 7091 | 4994 | | | | 283000 |
| ET | | | | | | | | | | | 284000 |
| X1 | 9.43 | 20 | 272 | 355 | 530 | 530 | 530 | | | | 285000 |
| GR2529.4 | | 30 | 2529.4 | 40 | 2526.3 | 55 | 2526.5 | 155 | 2522.2 | 174 | 286000 |
| GR2521.3 | | 225 | 2527.9 | 231 | 2530.0 | 250 | 2514.3 | 272 | 2513.3 | 274 | 287000 |
| GR2513.7 | | 300 | 2515.6 | 355 | 2528.9 | 371 | 2528.3 | 439 | 2527.6 | 446 | 288000 |
| GR2530.9 | | 454 | 2534.6 | 545 | 2535.2 | 640 | 2533.2 | 734 | 2535.1 | 747 | 289000 |
| ET | | | | | | | | | | | 291000 |
| X1 | 9.67 | 25 | 548 | 605 | 1160 | 1160 | 1160 | | | | 292000 |
| GR2595.2 | | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 293000 |

| | | | | | | | | | | |
|----------|-----------------------|--------|--------|--------|----------------|--------|--------|--------|--------|--------|
| GR2557.8 | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2552.2 | 548 | 294000 |
| GR2548.0 | 549 | 2548.0 | 600 | 2552.5 | 605 | 2562.4 | 615 | 2564.4 | 626 | 295000 |
| GR2562.7 | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 296000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 297000 |
| ET | | | | | | | | | | 298000 |
| X1 9.67 | 25 | 510 | 610 | 30 | 30 | 30 | | | | 299000 |
| GR2595.2 | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 300000 |
| GR2557.8 | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2556.7 | 510 | 301000 |
| GR2556.4 | 511 | 2556.4 | 609 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 302000 |
| GR2562.7 | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 303000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 304000 |
| ET | | | | | | | | | | 305000 |
| X1 9.67 | 25 | 525 | 610 | 30 | 30 | 30 | | | | 306000 |
| GR2595.2 | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 307000 |
| GR2557.8 | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2554.7 | 525 | 308000 |
| GR2554.0 | 530 | 2554.0 | 607 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 309000 |
| GR2562.7 | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 310000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 311000 |
| NC .15 | .12 | .065 | | | | | | | | 312000 |
| ET | | | | | | | | | | 314000 |
| X1 9.82 | 18 | 300 | 380 | 740 | 740 | 740 | | | | 315000 |
| GR2578.4 | 38 | 2578.3 | 49 | 2572.0 | 66 | 2572.0 | 122 | 2574.0 | 127 | 316000 |
| GR2573.9 | 175 | 2576.9 | 202 | 2577.1 | 264 | 2573.0 | 287 | 2573.8 | 300 | 317000 |
| GR2570.0 | 309 | 2569.6 | 320 | 2569.6 | 359 | 2573.8 | 380 | 2577.6 | 423 | 318000 |
| GR2577.2 | 440 | 2579.0 | 453 | 2579.3 | 465 | | | | | 319000 |
| NC .15 | .15 | .065 | | | | | | | | 320000 |
| ET | | | | | | | | | | 322000 |
| X1 9.94 | 14 | 265 | 340 | 630 | 630 | 630 | | | | 323000 |
| GR2595.9 | 50 | 2595.9 | 61 | 2591.5 | 81 | 2587.0 | 95 | 2587.0 | 120 | 324000 |
| GR2586.9 | 128 | 2588.5 | 204 | 2586.4 | 218 | 2588.3 | 225 | 2588.9 | 265 | 325000 |
| GR2584.0 | 300 | 2583.7 | 340 | 2591.1 | 360 | 2595.0 | 375 | | | 326000 |
| QT 6 | 1118 | 2435 | 4053 | 4870 | 6905 | 4870 | | | | 327000 |
| ET | | | | | | | | | | 328000 |
| X1 10.05 | 13 | 145 | 209 | 530 | 530 | 530 | | | | 329000 |
| GR2616.4 | 60 | 2612.2 | 86 | 2612.2 | 99 | 2600.4 | 140 | 2597.2 | 145 | 330000 |
| GR2592.9 | 151 | 2591.2 | 161 | 2591.2 | 175 | 2599.1 | 209 | 2604.2 | 274 | 331000 |
| GR2606.0 | 376 | 2609.2 | 464 | 2612.4 | 565 | | | | | 332000 |
| X1 10.05 | | | | 40 | 40 | 40 | | | | 333000 |
| SB 1.25 | 1.6 | 3 | 0 | 55.9 | 8 | 755.4 | 1.25 | 2591.2 | 2591.2 | 334000 |
| X1 10.05 | | | | 30 | 30 | 30 | | | | 335000 |
| X2 | | 1 | 2603.2 | 2605.7 | | | | | | 336000 |
| BT 12 | 60 | 2616.4 | 0 | 86 | 2612.2 | 0 | 99 | 2612.2 | 0 | 337000 |
| BT 120 | 2606.0 | 0 | 135 | 2605.7 | 0 | 135 | 2607.2 | 0 | 219 | 338000 |
| BT2607.9 | 0 | 219 | 2606.1 | 0 | 235 | 2606.4 | 0 | 290 | 2606.9 | 339000 |
| BT 0 | 407 | 2607.2 | 0 | 565 | 2612.4 | 0 | | | | 340000 |
| X1 10.05 | | | | 10 | 10 | 10 | | | | 341000 |
| QT 6 | 1100 | 2400 | 4000 | 4800 | 6800 | 4800 | | | | 342000 |
| ET | | | | | | | | | | 343000 |
| X1 10.36 | 24 | 509 | 579 | 1640 | 1640 | 1640 | | | | 344000 |
| GR2690.1 | 0 | 2657.3 | 52 | 2644.4 | 137 | 2642.4 | 170 | 2639.0 | 231 | 345000 |
| GR2642.0 | 401 | 2645.1 | 457 | 2645.0 | 470 | 2644.9 | 482 | 2634.0 | 509 | 346000 |
| GR2632.4 | 509 | 2632.4 | 544 | 2634.2 | 544 | 2635.4 | 547 | 2635.4 | 558 | 347000 |
| GR2634.2 | 560 | 2632.3 | 560 | 2632.3 | 579 | 2634.2 | 579 | 2642.3 | 606 | 348000 |
| GR2652.7 | 638 | 2653.8 | 782 | 2661.0 | 822 | 2695.1 | 888 | | | 349000 |
| EJ | | | | | | | | | | 350000 |
| T1 | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFK1 | | | | | 356000 |
| T2 | 50-YEAR FLOOD | | | | H011270 JHN | | | | | 357000 |
| T3 | RAVEN FORK | | | | FLOOD PROFILES | | | | | 358000 |
| J1 | 4 | | | | 2301.1 | | | | | 359000 |
| J2 | 2 | -1 | | | | | | | | 360000 |

| | | | |
|----|-----------------------|----------------|--------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 361000 |
| T2 | 100-YEAR FLOOD | H011270 JHN | 362000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 363000 |
| J1 | 5 | 2302.1 | 364000 |
| J2 | 3 -1 | | 365000 |
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 366000 |
| T2 | 500-YEAR FLOOD | H011270 JHN | 367000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 368000 |
| J1 | 6 | 2303.6 | 369000 |
| J2 | 15 -1 | | 370000 |
| | | | 371000 |
| | | | 372000 |
| | | | 373000 |
| ER | | | 374000 |

THIS RUN EXECUTED 07/15/86, 3:35 PM

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR = 01,02,03,04,05,06
 MODIFICATION = 50,51,52,53,54

| | | | | |
|----|-----------------------|----------------|-----|------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 000 | 1000 |
| T2 | 10-YEAR FLOOD | H011270 JHN | 000 | 2000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 000 | 3000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|------|
| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FG | |
| | 0. | 3. | 0. | 0. | .00000 | 0. | .00 | 0. | 2299.00 | .00 | 4000 |

| | | | | | | | | | | | |
|----|-------|------|-------|-------|-------|-----|-------|-----|-------|--------|------|
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE | |
| | 0. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 5000 |

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

| | | | | | | | | | | | |
|--|--------|-----|--------|-----|-----|-----|-----|-----|-----|-----|------|
| | 150.00 | .00 | 160.00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6000 |
|--|--------|-----|--------|-----|-----|-----|-----|-----|-----|-----|------|

| | | | | | | | | | | | |
|----|-------|-------|--|--|--|--|--|--|--|--|------|
| J6 | IHLER | ICOPY | | | | | | | | | 6100 |
| | 1. | 0. | | | | | | | | | |

| | | | | | | | | | | | |
|----|------|-------|-------|-------|--------|--------|--------|-----|-----|-----|------|
| NC | .120 | .100 | .055 | .1 | .5 | | | | | | 7000 |
| QT | 6. | 2570. | 5300. | 8470. | 10120. | 13970. | 10120. | 0. | 0. | 0. | 8000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 9000 |

| | | | | | | | | | | | |
|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|-------|
| X1 | 5.96 | 17. | 352. | 434. | 600. | 450. | 500. | .00 | .00 | 0. | 10000 |
| GR | 2344.8 | 0. | 2313.1 | 69. | 2305.3 | 97. | 2308.2 | 140. | 2309.2 | 189. | 11000 |
| GR | 2308.1 | 255. | 2305.2 | 312. | 2303.9 | 333. | 2295.1 | 352. | 2293.8 | 352. | 12000 |
| GR | 2293.8 | 434. | 2295.1 | 434. | 2301.0 | 500. | 2304.6 | 528. | 2304.6 | 552. | 13000 |
| GR | 2303.6 | 556. | 2333.2 | 601. | .0 | 0. | .0 | 0. | .0 | 0. | 14000 |
| NC | .120 | .060 | .055 | .1 | .5 | | | | | | 15000 |
| QT | 6. | 2564. | 5285. | 8449. | 10092. | 13935. | 10092. | 0. | 0. | 0. | 16000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 17000 |

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|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|-------|
| X1 | 6.14 | 25. | 370. | 456. | 900. | 730. | 840. | .00 | .00 | 0. | 18000 |
| GR | 2325.0 | 73. | 2315.6 | 109. | 2313.3 | 159. | 2313.6 | 206. | 2314.1 | 222. | 19000 |
| GR | 2313.3 | 255. | 2312.9 | 291. | 2312.0 | 305. | 2308.7 | 342. | 2305.5 | 366. | 20000 |
| GR | 2304.1 | 370. | 2301.7 | 377. | 2300.2 | 385. | 2299.8 | 409. | 2299.7 | 419. | 21000 |
| GR | 2299.3 | 430. | 2299.8 | 441. | 2301.6 | 449. | 2304.0 | 456. | 2308.5 | 460. | 22000 |
| GR | 2315.2 | 469. | 2316.3 | 476. | 2317.1 | 496. | 2316.2 | 502. | 2325.0 | 519. | 23000 |
| NH | 4. | .150 | 445. | .060 | 525. | .080 | 599. | .050 | 733. | .000 | 24000 |
| QT | 6. | 2558. | 5278. | 8436. | 10075. | 13914. | 10075. | 0. | 0. | 0. | 25000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 26000 |

| | | | | | | | | | | | |
|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|-------|
| X1 | 6.25 | 33. | 445. | 525. | 620. | 620. | 620. | .00 | .00 | .0. | 27000 |
| GR | 2330.0 | 9. | 2320.5 | 46. | 2318.7 | 71. | 2317.6 | 140. | 2317.2 | 176. | 28000 |
| GR | 2317.3 | 186. | 2317.3 | 238. | 2317.8 | 261. | 2319.2 | 322. | 2319.5 | 445. | 29000 |
| GR | 2314.0 | 452. | 2311.2 | 463. | 2308.3 | 466. | 2307.3 | 466. | 2306.4 | 472. | 30000 |
| GR | 2306.7 | 488. | 2306.4 | 498. | 2307.3 | 509. | 2308.5 | 519. | 2309.0 | 525. | 31000 |
| GR | 2310.9 | 553. | 2311.6 | 573. | 2313.6 | 586. | 2317.0 | 593. | 2317.9 | 599. | 32000 |
| GR | 2318.1 | 621. | 2316.9 | 627. | 2317.0 | 633. | 2316.0 | 636. | 2317.8 | 645. | 33000 |
| GR | 2319.3 | 662. | 2320.7 | 675. | 2330.0 | 733. | .0 | .0 | .0 | .0 | 34000 |
| NC | .150 | .070 | .050 | .3 | .8 | | | | | | 35000 |
| QT | 6. | 2550. | 5267. | 8417. | 10051. | 13885. | 10051. | .0 | .0 | .0 | 36000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 37000 |

| | | | | | | | | | | | |
|----|--------|------|--------|------|--------|------|--------|------|--------|------|-------|
| X1 | 6.41 | 29. | 250. | 335. | 740. | 740. | 740. | .00 | .00 | 0. | 38000 |
| GR | 2330.8 | 0. | 2326.8 | 106. | 2326.4 | 134. | 2325.6 | 165. | 2325.4 | 205. | 39000 |
| GR | 2324.0 | 210. | 2323.8 | 223. | 2318.9 | 230. | 2317.0 | 240. | 2316.0 | 250. | 40000 |
| GR | 2315.0 | 250. | 2313.2 | 255. | 2313.0 | 275. | 2312.5 | 296. | 2312.6 | 301. | 41000 |
| GR | 2312.4 | 312. | 2312.7 | 317. | 2314.0 | 325. | 2316.5 | 326. | 2318.2 | 335. | 42000 |
| GR | 2319.9 | 351. | 2322.9 | 364. | 2322.9 | 381. | 2321.9 | 389. | 2324.2 | 450. | 43000 |
| GR | 2325.3 | 475. | 2326.0 | 550. | 2328.0 | 582. | 2340.0 | 582. | .0 | .0 | 44000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 45000 |

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|----|------|------|------|-----|-------|-----|--------|-----|--------|--------|-------|
| X1 | 6.41 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 46000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 85.01 | .01 | 748.00 | .00 | 2314.0 | 2314.0 | 47000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 48000 |

| | | | | | | | | | | | |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| X1 | 6.41 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 49000 |
| X2 | 0. | .00 | 1. | 2322.8 | 2324.4 | .00 | 0. | .00 | .0 | 0. | 50000 |
| BT | 18.0 | .0 | 2335.3 | .0 | 75.0 | 2330.3 | .0 | 135.0 | 2328.4 | .0 | 51000 |
| BT | 190.0 | 2325.4 | .0 | 194.0 | 2324.3 | .0 | 197.0 | 2324.9 | .0 | 217.0 | 52000 |
| BT | 2325.1 | .0 | 244.0 | 2325.6 | .0 | 245.0 | 2328.0 | .0 | 298.0 | 2328.4 | 53000 |
| BT | .0 | 335.0 | 2328.0 | .0 | 337.0 | 2325.7 | .0 | 379.0 | 2325.1 | .0 | 54000 |
| BT | 384.0 | 2324.4 | .0 | 439.0 | 2326.3 | .0 | 537.0 | 2330.9 | .0 | 582.0 | 55000 |
| BT | 2330.9 | .0 | 582.0 | 2340.0 | .0 | .0 | .0 | .0 | .0 | .0 | 56000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 57000 |

| | | | | | | | | | | | |
|----|--------|------|--------|------|--------|------|--------|------|--------|------|-------|
| X1 | 6.41 | 23. | 250. | 335. | 10. | 10. | 10. | .00 | .00 | 0. | 58000 |
| GR | 2333.0 | 0. | 2331.6 | 45. | 2329.0 | 150. | 2326.1 | 200. | 2326.1 | 223. | 59000 |
| GR | 2316.5 | 250. | 2314.9 | 255. | 2313.6 | 262. | 2313.3 | 274. | 2314.0 | 283. | 60000 |
| GR | 2313.1 | 290. | 2313.0 | 300. | 2313.2 | 313. | 2313.8 | 320. | 2314.7 | 325. | 61000 |
| GR | 2316.5 | 326. | 2319.0 | 335. | 2326.4 | 361. | 2326.4 | 381. | 2328.4 | 461. | 62000 |
| GR | 2329.5 | 553. | 2330.5 | 582. | 2340.0 | 582. | .0 | .0 | .0 | .0 | 63000 |
| NC | .000 | .000 | .000 | .1 | .5 | | | | | | 63100 |
| NH | 5. | .150 | 238. | .180 | 264. | .050 | 341. | .150 | 378. | .070 | 64000 |
| NH | 572. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 65000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 66000 |

| | | | | | | | | | | | |
|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|-------|
| X1 | 6.50 | 28. | 264. | 341. | 480. | 480. | 480. | .00 | .00 | 0. | 67000 |
| GR | 2340.0 | 3. | 2331.5 | 70. | 2329.6 | 120. | 2329.2 | 137. | 2329.1 | 150. | 68000 |
| GR | 2328.4 | 176. | 2328.0 | 220. | 2326.6 | 225. | 2326.4 | 238. | 2321.7 | 245. | 69000 |
| GR | 2320.0 | 252. | 2318.9 | 264. | 2317.1 | 266. | 2315.9 | 270. | 2315.3 | 307. | 70000 |
| GR | 2315.2 | 327. | 2315.8 | 334. | 2316.5 | 339. | 2319.3 | 341. | 2321.2 | 352. | 71000 |
| GR | 2322.7 | 367. | 2325.6 | 378. | 2325.6 | 396. | 2324.8 | 403. | 2327.1 | 470. | 72000 |
| GR | 2327.9 | 484. | 2328.5 | 530. | 2340.0 | 572. | .0 | 0. | .0 | 0. | 73000 |
| NH | 4. | .150 | 232. | .180 | 310. | .065 | 415. | .070 | 538. | .000 | 74000 |
| QT | 6. | 2541. | 5255. | 8396. | 10024. | 13851. | 10024. | 0. | 0. | 0. | 75000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 76000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|-------|
| X1 | 6.59 | 19. | 310. | 415. | 490. | 490. | 490. | .00 | .00 | 0. | 77000 |
| GR | 2350.0 | 36. | 2335.9 | 88. | 2334.2 | 105. | 2335.2 | 150. | 2335.9 | 200. | 78000 |
| GR | 2336.0 | 232. | 2334.5 | 252. | 2332.1 | 278. | 2329.2 | 297. | 2328.0 | 310. | 79000 |
| GR | 2325.5 | 314. | 2324.2 | 323. | 2323.0 | 339. | 2323.5 | 395. | 2325.6 | 408. | 80000 |
| GR | 2326.3 | 415. | 2328.4 | 434. | 2336.7 | 465. | 2350.0 | 538. | .0 | 0. | 81000 |
| NH | 4. | .150 | 250. | .180 | 328. | .065 | 430. | .070 | 453. | .000 | 82000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 83000 |

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|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|-------|
| X1 | 6.66 | 20. | 328. | 430. | 370. | 370. | 370. | .00 | .00 | 0. | 84000 |
| GR | 2355.0 | 37. | 2337.0 | 106. | 2335.2 | 121. | 2336.6 | 189. | 2337.0 | 220. | 85000 |
| GR | 2337.1 | 250. | 2335.4 | 267. | 2332.8 | 300. | 2330.0 | 317. | 2329.1 | 328. | 86000 |
| GR | 2326.7 | 332. | 2326.2 | 334. | 2325.3 | 341. | 2325.0 | 345. | 2325.0 | 417. | 87000 |
| GR | 2326.8 | 428. | 2327.0 | 430. | 2329.4 | 453. | 2337.7 | 483. | 2355.0 | 578. | 88000 |
| NH | 4. | .200 | 178. | .060 | 294. | .060 | 325. | .080 | 476. | .000 | 89000 |
| QT | 6. | 2533. | 5243. | 8376. | 9998. | 13819. | 9998. | 0. | 0. | 0. | 90000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 91000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|-------|
| X1 | 6.76 | 20. | 178. | 294. | 600. | 600. | 600. | .00 | .00 | 0. | 92000 |
| GR | 2365.0 | 80. | 2349.7 | 120. | 2349.0 | 139. | 2343.3 | 161. | 2339.6 | 178. | 93000 |
| GR | 2337.4 | 181. | 2335.9 | 192. | 2335.9 | 201. | 2335.1 | 220. | 2334.2 | 260. | 94000 |
| GR | 2333.3 | 271. | 2336.0 | 261. | 2337.7 | 289. | 2340.3 | 294. | 2345.0 | 309. | 95000 |
| GR | 2349.3 | 319. | 2349.8 | 325. | 2349.8 | 421. | 2355.0 | 459. | 2365.0 | 476. | 96000 |

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|----|------|-------|-------|-------|-------|--------|-------|------|------|------|--------|
| X1 | 6.84 | 0. | 0. | 0. | 400. | 400. | 400. | .00 | 6.00 | 0. | 96100 |
| NH | 6. | .150 | 43. | .060 | 140. | .100 | 176. | .050 | 250. | .100 | 97000 |
| NH | 384. | .080 | 600. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 98000 |
| QT | 6. | 2524. | 5233. | 8357. | 9973. | 13789. | 9973. | 0. | 0. | 0. | 99000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 100000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 6.92 | 22. | 43. | 140. | 480. | 320. | 480. | .00 | .00 | 0. | 101000 |
| GR | 2386.2 | 0. | 2352.5 | 43. | 2346.5 | 50. | 2345.2 | 50. | 2345.2 | 118. | 102000 |
| GR | 2346.5 | 118. | 2352.4 | 140. | 2353.2 | 159. | 2351.6 | 176. | 2345.2 | 184. | 103000 |
| GR | 2345.2 | 226. | 2354.0 | 250. | 2354.0 | 260. | 2354.0 | 265. | 2354.0 | 266. | 104000 |
| GR | 2354.0 | 384. | 2353.9 | 401. | 2353.9 | 494. | 2356.1 | 511. | 2356.1 | 530. | 106000 |
| GR | 2353.3 | 540. | 2382.7 | 600. | .0 | 0. | .0 | 0. | .0 | 0. | 107000 |
| NC | .150 | .070 | .060 | .0 | .0 | | | | | | 108000 |

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|----|----|-------|-------|-------|-------|--------|-------|-----|-----|-----|--------|
| QT | 6. | 2516. | 5221. | 8337. | 9947. | 13758. | 9947. | 0. | 0. | 0. | 109000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 110000 |

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|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|--------|
| X1 | 7.09 | 19. | 125. | 189. | 840. | 640. | 840. | .00 | .00 | 0. | 111000 |
| GR | 2375.0 | 5. | 2363.4 | 43. | 2362.7 | 80. | 2361.4 | 91. | 2360.7 | 105. | 112000 |
| GR | 2355.5 | 125. | 2352.7 | 129. | 2352.7 | 141. | 2352.7 | 145. | 2352.7 | 165. | 113000 |
| GR | 2352.7 | 180. | 2360.0 | 189. | 2366.0 | 199. | 2366.0 | 211. | 2365.2 | 229. | 114000 |
| GR | 2363.6 | 235. | 2365.1 | 243. | 2367.5 | 248. | 2375.0 | 249. | .0 | 0. | 115000 |
| NC | .130 | .090 | .070 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 116000 |
| QT | 6. | 2507. | 5208. | 8314. | 9918. | 13722. | 9918. | 0. | 0. | 0. | 117000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 118000 |

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|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|--------|
| X1 | 7.28 | 12. | 85. | 183. | 1040. | 1040. | 1040. | .00 | .00 | 0. | 119000 |
| GR | 2409.7 | 0. | 2376.9 | 70. | 2369.7 | 85. | 2366.4 | 91. | 2365.0 | 110. | 120000 |
| GR | 2365.0 | 137. | 2366.4 | 163. | 2370.9 | 183. | 2374.1 | 243. | 2378.2 | 277. | 121000 |
| GR | 2378.1 | 329. | 2400.0 | 365. | .0 | 0. | .0 | 0. | .0 | 0. | 122000 |
| NC | .100 | .100 | .055 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 123000 |
| QT | 6. | 2500. | 5200. | 8300. | 9900. | 13700. | 9900. | 0. | 0. | 0. | 124000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 125000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 7.41 | 31. | 136. | 249. | 640. | 520. | 640. | .00 | .00 | 0. | 126000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.0 | 44. | 2384.0 | 114. | 127000 |
| GR | 2384.7 | 114. | 2385.1 | 119. | 2384.1 | 125. | 2377.4 | 136. | 2374.5 | 159. | 128000 |
| GR | 2373.7 | 167. | 2373.0 | 171. | 2372.8 | 175. | 2372.8 | 181. | 2371.7 | 186. | 129000 |
| GR | 2371.6 | 197. | 2371.8 | 209. | 2372.9 | 216. | 2373.3 | 218. | 2373.4 | 223. | 130000 |
| GR | 2375.2 | 237. | 2377.6 | 249. | 2378.5 | 254. | 2383.1 | 269. | 2381.2 | 281. | 131000 |
| GR | 2380.4 | 290. | 2379.8 | 300. | 2376.9 | 312. | 2381.8 | 408. | 2395.0 | 420. | 132000 |
| GR | 2400.0 | 426. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 133000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 7.41 | 28. | 112. | 250. | 40. | 40. | 40. | .00 | .00 | 0. | 134000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.9 | 43. | 2384.8 | 46. | 135000 |
| GR | 2385.4 | 112. | 2378.5 | 112. | 2376.4 | 139. | 2374.9 | 151. | 2374.5 | 169. | 136000 |
| GR | 2373.2 | 174. | 2372.3 | 180. | 2372.7 | 188. | 2372.3 | 200. | 2373.3 | 211. | 137000 |
| GR | 2373.4 | 216. | 2374.1 | 223. | 2374.5 | 223. | 2378.1 | 242. | 2378.2 | 250. | 138000 |
| GR | 2385.3 | 250. | 2385.3 | 252. | 2384.9 | 272. | 2381.3 | 351. | 2381.3 | 368. | 139000 |
| GR | 2380.7 | 388. | 2380.7 | 396. | 2400.0 | 426. | .0 | 0. | .0 | 0. | 140000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 7.41 | 35. | 112. | 250. | 1. | 1. | 1. | .00 | .00 | 0. | 141000 |
| BT | 10.0 | 46.0 | 2384.8 | .0 | 110.0 | 2385.4 | .0 | 110.0 | 2387.5 | .0 | 142000 |
| BT | 112.0 | 2387.5 | .0 | 112.0 | 2387.5 | 2382.4 | 250.0 | 2387.5 | 2382.4 | 250.0 | 143000 |
| BT | 2387.5 | .0 | 252.0 | 2387.5 | .0 | 252.0 | 2385.3 | .0 | 272.0 | 2384.9 | 144000 |
| BT | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 145000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.9 | 43. | 2384.8 | 46. | 146000 |
| GR | 2385.4 | 110. | 2385.4 | 112. | 2378.5 | 112. | 2376.4 | 139. | 2374.9 | 151. | 147000 |
| GR | 2382.4 | 151. | 2382.4 | 153. | 2374.8 | 153. | 2374.5 | 169. | 2373.2 | 174. | 148000 |
| GR | 2372.3 | 180. | 2372.7 | 188. | 2372.3 | 200. | 2373.3 | 211. | 2382.4 | 211. | 149000 |
| GR | 2382.4 | 213. | 2373.8 | 213. | 2373.4 | 216. | 2374.1 | 223. | 2374.5 | 223. | 150000 |
| GR | 2378.1 | 242. | 2378.2 | 250. | 2385.3 | 250. | 2385.3 | 252. | 2384.9 | 272. | 151000 |
| GR | 2381.3 | 351. | 2381.3 | 368. | 2380.7 | 388. | 2380.7 | 396. | 2400.0 | 426. | 152000 |

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|----|------|------|------|----|-----|-----|-----|-----|-----|----|--------|
| X1 | 7.41 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 153000 |
| X2 | 0. | .00 | 0. | 0. | 0. | .00 | 1. | .00 | .0 | 0. | 154000 |
| NC | .100 | .100 | .045 | .0 | .0 | | | | | | 155000 |

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|-----------|------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 7.41 | 28. | 112. | 250. | 1. | 1. | 1. | .00 | .00 | 0. | 156000 |
| GR 2400.0 | | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.9 | 43. | 2384.8 | 46. | 157000 |
| GR 2385.4 | | 112. | 2378.5 | 112. | 2376.4 | 139. | 2374.9 | 151. | 2374.5 | 169. | 158000 |
| GR 2373.2 | | 174. | 2372.3 | 180. | 2372.7 | 188. | 2372.3 | 200. | 2373.3 | 211. | 159000 |
| GR 2373.4 | | 216. | 2374.1 | 223. | 2374.5 | 223. | 2378.1 | 242. | 2378.2 | 250. | 160000 |
| GR 2385.3 | | 250. | 2385.3 | 252. | 2384.9 | 272. | 2381.3 | 351. | 2381.3 | 368. | 161000 |
| GR 2380.7 | | 388. | 2380.7 | 396. | 2400.0 | 426. | .0 | 0. | .0 | 0. | 162000 |

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|-----------|------|-------|--------|-------|--------|--------|--------|------|--------|------|--------|
| X1 | 7.41 | 31. | 136. | 249. | 10. | 10. | 10. | .00 | .00 | 0. | 163000 |
| GR 2400.0 | | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.0 | 44. | 2384.0 | 114. | 164000 |
| GR 2384.7 | | 114. | 2385.1 | 119. | 2384.1 | 125. | 2377.4 | 136. | 2374.5 | 159. | 165000 |
| GR 2373.7 | | 167. | 2373.0 | 171. | 2372.8 | 175. | 2372.8 | 181. | 2371.7 | 186. | 166000 |
| GR 2371.6 | | 197. | 2371.8 | 209. | 2372.9 | 216. | 2373.3 | 218. | 2373.4 | 223. | 167000 |
| GR 2375.2 | | 237. | 2377.6 | 249. | 2378.5 | 254. | 2383.1 | 269. | 2381.4 | 280. | 168000 |
| GR 2381.3 | | 350. | 2381.3 | 368. | 2380.7 | 389. | 2380.7 | 397. | 2395.0 | 420. | 169000 |
| GR 2400.0 | | 426. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 170000 |
| NC | .150 | .130 | .060 | .0 | .0 | | | | | | 171000 |
| QT | 6. | 2082. | 4200. | 6882. | 8282. | 11482. | 8282. | 0. | 0. | 0. | 172000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 173000 |

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|-----------|------|-------|--------|-------|--------|--------|--------|------|--------|------|--------|
| X1 | 7.58 | 16. | 53. | 206. | 890. | 890. | 890. | .00 | .00 | 0. | 174000 |
| GR 2420.4 | | 0. | 2392.0 | 53. | 2386.1 | 74. | 2383.0 | 88. | 2382.0 | 105. | 175000 |
| GR 2382.0 | | 155. | 2382.9 | 174. | 2391.1 | 206. | 2391.1 | 216. | 2389.3 | 231. | 176000 |
| GR 2389.4 | | 310. | 2392.6 | 328. | 2392.6 | 350. | 2392.5 | 351. | 2393.1 | 486. | 177000 |
| GR 2424.1 | | 558. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 178000 |
| NC | .130 | .120 | .060 | .0 | .0 | | | | | | 179000 |
| QT | 6. | 2040. | 4200. | 6840. | 8240. | 11440. | 8240. | 0. | 0. | 0. | 180000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 181000 |

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|-----------|------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| X1 | 7.99 | 14. | 32. | 125. | 2200. | 2320. | 2200. | .00 | .00 | 0. | 182000 |
| GR 2440.0 | | 0. | 2418.9 | 32. | 2406.7 | 45. | 2403.8 | 53. | 2403.8 | 89. | 183000 |
| GR 2406.0 | | 95. | 2406.8 | 95. | 2417.4 | 125. | 2422.0 | 228. | 2422.0 | 250. | 184000 |
| GR 2419.1 | | 267. | 2432.1 | 307. | 2445.2 | 367. | 2459.7 | 418. | .0 | 0. | 185000 |
| NC | .150 | .120 | .075 | .0 | .0 | | | | | | 186000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 187000 |

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|-----------|------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| X1 | 8.20 | 19. | 71. | 116. | 1090. | 1090. | 1090. | .00 | -8.40 | 0. | 188000 |
| GR 2465.5 | | 0. | 2449.0 | 41. | 2442.3 | 70. | 2441.5 | 71. | 2440.8 | 76. | 189000 |
| GR 2437.5 | | 86. | 2434.4 | 96. | 2435.0 | 106. | 2441.3 | 116. | 2441.5 | 125. | 190000 |
| GR 2442.3 | | 126. | 2444.5 | 137. | 2454.0 | 146. | 2455.1 | 167. | 2457.7 | 175. | 191000 |
| GR 2457.7 | | 194. | 2456.9 | 198. | 2460.0 | 200. | 2465.0 | 202. | .0 | 0. | 192000 |
| NC | .150 | .120 | .065 | .0 | .0 | | | | | | 192100 |

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|----|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|
| X1 | 8.35 | 19. | 71. | 116. | 770. | 770. | 770. | .00 | .00 | 0. | 193000 |
| GR | 2465.5 | 0. | 2449.0 | 41. | 2442.3 | 70. | 2441.5 | 71. | 2440.8 | 76. | 193100 |
| GR | 2440.0 | 78. | 2440.0 | 96. | 2440.0 | 114. | 2441.3 | 116. | 2441.5 | 125. | 193200 |
| GR | 2442.3 | 126. | 2444.5 | 137. | 2454.0 | 146. | 2455.1 | 167. | 2457.7 | 175. | 193300 |
| GR | 2457.7 | 194. | 2456.9 | 198. | 2460.0 | 200. | 2465.0 | 202. | .0 | 0. | 193400 |
| QT | 6. | 1200. | 2600. | 4300. | 5200. | 7400. | 5200. | 0. | 0. | 0. | 194000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 195000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 8.39 | 12. | 75. | 130. | 240. | 110. | 160. | .00 | .00 | 0. | 196000 |
| GR | 2469.5 | 0. | 2461.0 | 22. | 2460.2 | 55. | 2451.0 | 75. | 2446.0 | 86. | 197000 |
| GR | 2444.4 | 90. | 2444.4 | 95. | 2444.5 | 103. | 2445.6 | 113. | 2450.3 | 130. | 198000 |
| GR | 2457.3 | 157. | 2475.0 | 181. | .0 | 0. | .0 | 0. | .0 | 0. | 199000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 200000 |

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|----|------|------|------|-----|-------|------|--------|------|--------|--------|--------|
| X1 | 8.39 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 201000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 45.80 | 3.00 | 574.00 | 1.46 | 2445.5 | 2445.5 | 202000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 203000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 8.39 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 204000 |
| X2 | 0. | .00 | 1. | 2455.5 | 2459.0 | .00 | 0. | .00 | .0 | 0. | 205000 |
| BT | 11.0 | 0 | 2472.0 | 0 | 5.0 | 2467.5 | 0 | 22.0 | 2461.0 | 0 | 206000 |
| BT | 55.0 | 2460.2 | 0 | 57.0 | 2459.0 | 0 | 75.0 | 2459.0 | 0 | 75.0 | 207000 |
| BT | 2461.0 | 0 | 80.0 | 2461.3 | 0 | 160.0 | 2461.3 | 0 | 162.0 | 2461.1 | 208000 |
| BT | 0 | 181.0 | 2475.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 209000 |
| NC | .150 | .120 | .055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 211000 |

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|----|------|------|------|------|------|------|------|------|------|------|--------|
| X1 | 8.39 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 212000 |
| NH | 4. | .120 | 220. | .060 | 288. | .060 | 480. | .200 | 753. | .000 | 213000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 8.53 | 19. | 220. | 288. | 680. | 800. | 680. | .00 | .00 | 0. | 215000 |
| GR | 2513.5 | 0. | 2477.3 | 60. | 2469.2 | 80. | 2470.6 | 94. | 2470.6 | 115. | 216000 |
| GR | 2462.7 | 156. | 2457.6 | 220. | 2455.0 | 229. | 2452.5 | 230. | 2452.5 | 273. | 217000 |
| GR | 2455.0 | 273. | 2463.0 | 288. | 2464.9 | 318. | 2463.4 | 387. | 2463.4 | 448. | 218000 |
| GR | 2464.7 | 480. | 2464.7 | 661. | 2490.3 | 729. | 2513.4 | 753. | .0 | 0. | 219000 |
| NC | .100 | .130 | .060 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 220000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 222000 |

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|----|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|
| X1 | 8.76 | 24. | 726. | 860. | 1240. | 1080. | 1160. | .00 | .00 | 0. | 223000 |
| GR | 2512.8 | 0. | 2504.9 | 147. | 2492.5 | 297. | 2490.2 | 310. | 2490.2 | 323. | 224000 |
| GR | 2486.9 | 358. | 2480.1 | 453. | 2478.2 | 500. | 2479.5 | 595. | 2476.2 | 631. | 225000 |
| GR | 2477.5 | 641. | 2477.5 | 662. | 2475.3 | 695. | 2475.6 | 726. | 2468.0 | 756. | 226000 |
| GR | 2466.8 | 775. | 2466.8 | 825. | 2468.0 | 843. | 2472.0 | 860. | 2478.5 | 888. | 227000 |
| GR | 2482.0 | 934. | 2482.0 | 948. | 2490.1 | 971. | 2505.4 | 1016. | .0 | 0. | 228000 |
| NC | .100 | .100 | .055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 229000 |
| QT | 6. | 1173. | 2546. | 4219. | 5092. | 7238. | 5092. | 0. | 0. | 0. | 230000 |

| | | | | | | | | | | | | |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----|--------|
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 231000 |
| X1 | 8.94 | 18. | 195. | 285. | 760. | 1000. | 880. | .00 | .00 | 0. | | 232000 |
| GR | 2505.0 | 0. | 2494.4 | 0. | 2492.5 | 95. | 2492.0 | 141. | 2489.1 | 160. | | 233000 |
| GR | 2489.3 | 195. | 2481.5 | 222. | 2481.1 | 229. | 2480.5 | 233. | 2480.4 | 239. | | 234000 |
| GR | 2479.9 | 250. | 2479.8 | 257. | 2481.2 | 274. | 2483.9 | 285. | 2488.0 | 302. | | 235000 |
| GR | 2488.9 | 331. | 2489.6 | 450. | 2501.0 | 494. | .0 | 0. | .0 | 0. | | 236000 |
| X1 | 8.94 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | | 237000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 238000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 51.60 | 4.00 | 729.30 | 1.70 | 2400.5 | 2480.5 | | 239000 |
| X1 | 8.94 | 20. | 195. | 285. | 30. | 30. | 30. | .00 | .00 | 0. | | 240000 |
| X2 | 0. | .00 | 1. | 2491.5 | 2492.0 | .00 | 0. | .00 | .0 | 0. | | 241000 |
| BT | 12.0 | .0 | 2505.0 | .0 | .0 | 2494.4 | .0 | 95.0 | 2492.5 | .0 | | 242000 |
| BT | 141.0 | 2492.0 | .0 | 197.0 | 2493.7 | .0 | 197.0 | 2495.5 | .0 | 285.0 | | 243000 |
| BT | 2495.5 | .0 | 285.0 | 2493.7 | .0 | 300.0 | 2493.6 | .0 | 400.0 | 2493.4 | | 244000 |
| BT | .0 | 500.0 | 2493.6 | .0 | 526.0 | 2501.0 | .0 | .0 | .0 | .0 | | 245000 |
| GR | 2505.0 | 0. | 2494.4 | 0. | 2492.5 | 95. | 2492.0 | 141. | 2489.1 | 160. | | 246000 |
| GR | 2489.3 | 195. | 2481.5 | 222. | 2481.1 | 229. | 2480.5 | 233. | 2480.4 | 239. | | 247000 |
| GR | 2479.9 | 250. | 2479.8 | 257. | 2481.2 | 274. | 2483.9 | 285. | 2488.0 | 302. | | 248000 |
| GR | 2488.9 | 331. | 2492.0 | 370. | 2492.0 | 405. | 2493.6 | 500. | 2501.0 | 526. | | 249000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 250000 |
| X1 | 8.94 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | | 251000 |
| NC | .100 | .070 | .055 | .0 | .0 | | | | | | | 252000 |
| QT | 6. | 1165. | 2530. | 4195. | 5060. | 7190. | 5060. | 0. | 0. | 0. | | 253000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 254000 |
| X1 | 9.10 | 19. | 130. | 210. | 840. | 800. | 840. | .00 | .00 | 0. | | 255000 |
| GR | 2538.5 | 0. | 2512.2 | 49. | 2512.2 | 86. | 2502.6 | 118. | 2497.5 | 130. | | 256000 |
| GR | 2493.4 | 139. | 2492.2 | 155. | 2492.2 | 180. | 2493.4 | 193. | 2497.5 | 210. | | 257000 |
| GR | 2501.4 | 227. | 2501.8 | 241. | 2501.8 | 260. | 2505.5 | 284. | 2505.5 | 441. | | 258000 |
| GR | 2508.8 | 472. | 2512.6 | 637. | 2520.3 | 785. | 2528.0 | 884. | .0 | 0. | | 259000 |
| NC | .120 | .120 | .065 | .0 | .0 | | | | | | | 260000 |
| QT | 6. | 1159. | 2518. | 4177. | 5036. | 7154. | 5036. | 0. | 0. | 0. | | 261000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 262000 |
| X1 | 9.22 | 12. | 250. | 323. | 640. | 640. | 640. | .00 | .00 | 0. | | 263000 |
| GR | 2516.7 | 150. | 2512.9 | 169. | 2509.7 | 189. | 2503.9 | 203. | 2502.3 | 250. | | 264000 |
| GR | 2500.1 | 272. | 2500.7 | 322. | 2501.0 | 323. | 2508.9 | 337. | 2511.0 | 425. | | 265000 |
| GR | 2512.3 | 537. | 2515.5 | 560. | .0 | 0. | .0 | 0. | .0 | 0. | | 266000 |
| NC | .120 | .120 | .065 | .0 | .0 | | | | | | | 267000 |
| QT | 6. | 1154. | 2508. | 4162. | 5016. | 7124. | 5016. | 0. | 0. | 0. | | 268000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 269000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 9.32 | 19. | 221. | 295. | 560. | 640. | 550. | .00 | .00 | 0. | 270000 |
| GR | 2522.9 | 40. | 2522.7 | 50. | 2515.1 | 139. | 2514.2 | 180. | 2510.5 | 191. | 271000 |
| GR | 2511.0 | 200. | 2510.5 | 209. | 2506.0 | 221. | 2505.0 | 237. | 2507.4 | 251. | 272000 |
| GR | 2505.7 | 266. | 2506.0 | 295. | 2509.1 | 306. | 2520.6 | 324. | 2524.0 | 400. | 273000 |
| GR | 2520.1 | 495. | 2524.0 | 550. | 2527.0 | 629. | 2530.0 | 690. | .0 | 0. | 274000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 276000 |

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|----|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|
| X1 | 9.33 | 18. | 221. | 295. | 50. | 50. | 50. | .00 | .00 | 0. | 277000 |
| GR | 2522.9 | 40. | 2522.7 | 50. | 2515.1 | 139. | 2514.2 | 180. | 2510.5 | 191. | 278000 |
| GR | 2511.0 | 200. | 2510.5 | 209. | 2506.0 | 221. | 2505.0 | 237. | 2507.4 | 251. | 279000 |
| GR | 2505.7 | 266. | 2506.0 | 295. | 2509.1 | 306. | 2524.0 | 400. | 2520.1 | 495. | 280000 |
| GR | 2524.0 | 550. | 2527.0 | 629. | 2530.0 | 690. | .0 | 0. | .0 | 0. | 281000 |
| NC | .150 | .120 | .065 | .0 | .0 | | | | | | 282000 |
| QT | 6. | 1149. | 2497. | 4146. | 4994. | 7091. | 4994. | 0. | 0. | 0. | 283000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 284000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 9.43 | 20. | 272. | 355. | 530. | 530. | 530. | .00 | .00 | 0. | 285000 |
| GR | 2529.4 | 30. | 2529.4 | 40. | 2526.3 | 55. | 2526.5 | 155. | 2522.2 | 174. | 286000 |
| GR | 2521.3 | 225. | 2527.9 | 231. | 2530.0 | 250. | 2514.3 | 272. | 2513.3 | 274. | 287000 |
| GR | 2513.7 | 300. | 2515.6 | 355. | 2528.9 | 371. | 2528.3 | 439. | 2527.6 | 446. | 288000 |
| GR | 2530.9 | 454. | 2534.6 | 545. | 2535.2 | 640. | 2533.2 | 734. | 2535.1 | 747. | 289000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 291000 |

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|----|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| X1 | 9.67 | 25. | 548. | 605. | 1160. | 1160. | 1160. | .00 | .00 | 0. | 292000 |
| GR | 2595.2 | 0. | 2568.4 | 100. | 2563.4 | 138. | 2560.3 | 320. | 2559.7 | 423. | 293000 |
| GR | 2557.8 | 439. | 2557.8 | 446. | 2559.6 | 447. | 2559.6 | 487. | 2552.2 | 548. | 294000 |
| GR | 2548.0 | 549. | 2548.0 | 600. | 2552.5 | 605. | 2562.4 | 615. | 2564.4 | 626. | 295000 |
| GR | 2562.7 | 644. | 2560.5 | 677. | 2560.5 | 694. | 2557.6 | 713. | 2560.7 | 746. | 296000 |
| GR | 2560.7 | 1018. | 2562.3 | 1127. | 2560.3 | 1204. | 2564.7 | 1297. | 2585.0 | 1365. | 297000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 298000 |

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|----|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| X1 | 9.67 | 25. | 510. | 610. | 30. | 30. | 30. | .00 | .00 | 0. | 299000 |
| GR | 2595.2 | 0. | 2568.4 | 100. | 2563.4 | 138. | 2560.3 | 320. | 2559.7 | 423. | 300000 |
| GR | 2557.8 | 439. | 2557.8 | 446. | 2559.6 | 447. | 2559.6 | 487. | 2556.7 | 510. | 301000 |
| GR | 2556.4 | 511. | 2556.4 | 609. | 2557.0 | 610. | 2562.4 | 615. | 2564.4 | 626. | 302000 |
| GR | 2562.7 | 644. | 2560.5 | 677. | 2560.5 | 694. | 2557.6 | 713. | 2560.7 | 746. | 303000 |
| GR | 2560.7 | 1018. | 2562.3 | 1127. | 2560.3 | 1204. | 2564.7 | 1297. | 2585.0 | 1365. | 304000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 305000 |

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|----|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| X1 | 9.67 | 25. | 525. | 610. | 30. | 30. | 30. | .00 | .00 | 0. | 306000 |
| GR | 2595.2 | 0. | 2568.4 | 100. | 2563.4 | 138. | 2560.3 | 320. | 2559.7 | 423. | 307000 |
| GR | 2557.8 | 439. | 2557.8 | 446. | 2559.6 | 447. | 2559.6 | 487. | 2554.7 | 525. | 308000 |
| GR | 2554.0 | 530. | 2554.0 | 607. | 2557.0 | 610. | 2562.4 | 615. | 2564.4 | 626. | 309000 |
| GR | 2562.7 | 644. | 2560.5 | 677. | 2560.5 | 694. | 2557.6 | 713. | 2560.7 | 746. | 310000 |
| GR | 2560.7 | 1018. | 2562.3 | 1127. | 2560.3 | 1204. | 2564.7 | 1297. | 2585.0 | 1365. | 311000 |
| NC | .150 | .120 | .065 | .0 | .0 | | | | | | 312000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 314000 |

PRINTED IN U.S.A.

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 9.82 | 18. | 300. | 380. | 740. | 740. | 740. | .00 | .00 | 0. | 315000 |
| GR | 2578.4 | 38. | 2578.3 | 49. | 2572.0 | 66. | 2572.0 | 122. | 2574.0 | 127. | 316000 |
| GR | 2573.9 | 175. | 2576.9 | 202. | 2577.1 | 264. | 2573.0 | 287. | 2573.8 | 300. | 317000 |
| GR | 2570.0 | 309. | 2569.6 | 320. | 2569.6 | 359. | 2573.8 | 380. | 2577.6 | 423. | 318000 |
| GR | 2577.2 | 440. | 2579.0 | 453. | 2579.3 | 465. | .0 | 0. | .0 | 0. | 319000 |
| NC | .150 | .150 | .065 | .0 | .0 | | | | | | 320000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 322000 |

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|----|--------|-------|--------|-------|--------|-------|--------|------|--------|------|--------|
| X1 | 9.94 | 14. | 265. | 340. | 630. | 630. | 630. | .00 | .00 | 0. | 323000 |
| GR | 2595.9 | 50. | 2595.9 | 61. | 2591.5 | 81. | 2587.0 | 95. | 2587.0 | 120. | 324000 |
| GR | 2586.9 | 128. | 2588.5 | 204. | 2586.4 | 218. | 2588.3 | 225. | 2588.9 | 265. | 325000 |
| GR | 2584.0 | 300. | 2583.7 | 340. | 2591.1 | 360. | 2595.0 | 375. | .0 | 0. | 326000 |
| QT | 6. | 1118. | 2435. | 4053. | 4870. | 6905. | 4870. | 0. | 0. | 0. | 327000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 328000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 10.05 | 13. | 145. | 209. | 530. | 530. | 530. | .00 | .00 | 0. | 329000 |
| GR | 2616.4 | 60. | 2612.2 | 86. | 2612.2 | 99. | 2600.4 | 140. | 2597.2 | 145. | 330000 |
| GR | 2592.9 | 151. | 2591.2 | 161. | 2591.2 | 175. | 2599.1 | 209. | 2604.2 | 274. | 331000 |
| GR | 2606.0 | 376. | 2609.2 | 464. | 2612.4 | 565. | .0 | 0. | .0 | 0. | 332000 |

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|----|-------|------|------|----|-------|------|--------|------|--------|--------|--------|
| X1 | 10.05 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 333000 |
| SB | 1.25 | 1.00 | 3.00 | 0. | 55.90 | 8.00 | 755.40 | 1.25 | 2591.2 | 2591.2 | 334000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 10.05 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 335000 |
| X2 | 0. | .00 | 1. | 2603.2 | 2605.7 | .00 | 0. | .00 | .0 | 0. | 336000 |
| BT | 12.0 | 60.0 | 2616.4 | .0 | 86.0 | 2612.2 | .0 | 99.0 | 2612.2 | .0 | 337000 |
| BT | 120.0 | 2606.0 | .0 | 135.0 | 2605.7 | .0 | 135.0 | 2607.2 | .0 | 219.0 | 338000 |
| BT | 2607.9 | .0 | 219.0 | 2606.1 | .0 | 235.0 | 2606.4 | .0 | 290.0 | 2606.9 | 339000 |
| BT | .0 | 407.0 | 2607.2 | .0 | 565.0 | 2612.4 | .0 | .0 | .0 | .0 | 340000 |

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|----|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|--------|
| X1 | 10.05 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 341000 |
| QT | 6. | 1100. | 2400. | 4000. | 4800. | 6800. | 4800. | 0. | 0. | 0. | 342000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 343000 |

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|----|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| X1 | 10.36 | 24. | 509. | 579. | 1640. | 1640. | 1640. | .00 | .00 | 0. | 344000 |
| GR | 2690.1 | 0. | 2657.3 | 52. | 2644.4 | 137. | 2642.4 | 170. | 2639.0 | 231. | 345000 |
| GR | 2642.0 | 401. | 2645.1 | 457. | 2645.0 | 470. | 2644.9 | 482. | 2634.0 | 509. | 346000 |
| GR | 2632.4 | 509. | 2632.4 | 544. | 2634.2 | 544. | 2635.4 | 547. | 2635.4 | 558. | 347000 |
| GR | 2634.2 | 560. | 2632.3 | 560. | 2632.3 | 579. | 2634.2 | 579. | 2642.3 | 606. | 348000 |
| GR | 2652.7 | 638. | 2653.8 | 782. | 2661.0 | 822. | 2695.1 | 888. | .0 | 0. | 349000 |
| EJ | | | | | | | | | | | 350000 |

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR = 01,02,03,04,05,06
 MODIFICATION = 50,51,52,53,54

| | | | | |
|----|-----------------------|----------------|-----|-------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 003 | 56000 |
| T2 | 50-YEAR FLOOD | H011270 JHN | 003 | 57000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 003 | 58000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|--------|
| J1 | ICHECK | ING | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FG | |
| | 0. | 4. | 0. | 0. | .00000 | 0. | .00 | 0. | 2301.10 | .00 | 359000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|--------|
| J2 | NPROF | IPLOT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE | |
| | 2. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 360000 |

HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980

ERROR CORR - 01,02,03,04,05,06

MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|----------------|-----|-------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 003 | 61000 |
| T2 | 100-YEAR FLOOD | H011270 JHN | 003 | 62000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 003 | 63000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|--------|
| J1 | ICHECK | ING | NINV | IDTR | STRT | METRIC | HVINS | Q | WSEL | FQ | |
| | 0. | 5. | 0. | 0. | .00000 | 0. | .00 | 0. | 2302.10 | .00 | 364000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|--------|
| J2 | NPROF | IPLOT | PRFVS | XSECV | XSECH | FN | ALLOC | IBW | CHNIM | ITRACE | |
| | 3. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 365000 |

THIS RUN EXECUTED 07/15/86, 3:41 PM

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|----------------|-----|-------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 003 | 66000 |
| T2 | 500-YEAR FLOOD | H011270 JHN | 003 | 67000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 003 | 68000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|--------|
| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FG | |
| | 0. | 6. | 0. | 0. | .00000 | 0. | .00 | 0. | 2303.60 | .00 | 369000 |

| | | | | | | | | | | | |
|----|-------|------|-------|-------|-------|-----|-------|-----|-------|--------|--------|
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE | |
| | 15. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 370000 |

 HEL2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

RAVEN FORK

SUMMARY PRINTOUT TABLE 150

| SECNO | YLCH | ELTRD | FLLC | ELMIN | Q | CWSEL | CRIM3 | EG | 10K*9 | VCH | AREA | .01K |
|-------|------|--------|--------|--------|---------|---------|---------|---------|--------|-------|---------|---------|
| 5.960 | 500. | .0 | .0 | 2293.8 | 5300.0 | 2299.00 | 2298.82 | 2300.99 | 215.14 | 11.65 | 527.89 | 361.34 |
| 5.960 | 500. | .0 | .0 | 2293.8 | 8470.0 | 2301.10 | .00 | 2303.33 | 160.65 | 12.62 | 838.80 | 608.25 |
| 5.960 | 500. | .0 | .0 | 2293.8 | 10120.0 | 2302.10 | .00 | 2304.36 | 140.55 | 12.86 | 1005.50 | 853.63 |
| 5.960 | 500. | .0 | .0 | 2293.8 | 13970.0 | 2303.60 | .00 | 2306.36 | 141.97 | 14.44 | 1274.19 | 1172.45 |
| 6.140 | 840. | .0 | .0 | 2299.3 | 5285.0 | 2308.02 | .00 | 2309.01 | 60.66 | 8.03 | 693.46 | 678.58 |
| 6.140 | 840. | .0 | .0 | 2299.3 | 8449.0 | 2309.98 | .00 | 2311.48 | 69.16 | 10.00 | 933.41 | 1015.95 |
| 6.140 | 840. | .0 | .0 | 2299.3 | 10092.0 | 2310.75 | .00 | 2312.54 | 74.60 | 10.94 | 1041.19 | 1168.46 |
| 6.140 | 840. | .0 | .0 | 2299.3 | 13935.0 | 2312.56 | .00 | 2314.85 | 78.82 | 12.53 | 1322.88 | 1569.58 |
| 6.250 | 620. | .0 | .0 | 2306.4 | 5278.0 | 2314.15 | .00 | 2315.38 | 140.93 | 9.58 | 643.20 | 444.60 |
| 6.250 | 620. | .0 | .0 | 2306.4 | 8436.0 | 2316.11 | .00 | 2317.63 | 128.95 | 10.77 | 915.32 | 742.89 |
| 6.250 | 620. | .0 | .0 | 2306.4 | 10075.0 | 2317.05 | .00 | 2318.67 | 122.64 | 11.19 | 1054.38 | 909.76 |
| 6.250 | 620. | .0 | .0 | 2306.4 | 13914.0 | 2318.98 | .00 | 2320.60 | 104.29 | 11.52 | 1695.94 | 1362.46 |
| 6.410 | 740. | .0 | .0 | 2312.4 | 5267.0 | 2320.61 | .00 | 2321.65 | 59.83 | 8.34 | 706.03 | 680.92 |
| 6.410 | 740. | .0 | .0 | 2312.4 | 8417.0 | 2322.53 | .00 | 2324.05 | 65.29 | 10.21 | 966.37 | 1041.67 |
| 6.410 | 740. | .0 | .0 | 2312.4 | 10051.0 | 2323.39 | .00 | 2325.10 | 66.07 | 10.91 | 1126.95 | 1236.53 |
| 6.410 | 740. | .0 | .0 | 2312.4 | 13885.0 | 2325.01 | .00 | 2327.07 | 68.45 | 12.27 | 1507.81 | 1678.22 |
| 6.410 | 40. | .0 | .0 | 2312.4 | 5267.0 | 2320.97 | .00 | 2321.91 | 50.15 | 7.89 | 752.62 | 743.76 |
| 6.410 | 40. | .0 | .0 | 2312.4 | 8417.0 | 2323.01 | .00 | 2324.35 | 53.99 | 9.60 | 1049.07 | 1145.51 |
| 6.410 | 40. | .0 | .0 | 2312.4 | 10051.0 | 2323.94 | .00 | 2325.41 | 53.62 | 10.18 | 1243.15 | 1372.61 |
| 6.410 | 40. | .0 | .0 | 2312.4 | 13885.0 | 2325.77 | .00 | 2327.42 | 51.89 | 11.15 | 1735.45 | 1927.56 |
| 6.410 | 30. | 2324.4 | 2322.8 | 2312.4 | 5267.0 | 2320.97 | .00 | 2321.91 | 50.14 | 7.89 | 752.68 | 743.85 |
| 6.410 | 30. | 2324.4 | 2322.8 | 2312.4 | 8417.0 | 2325.21 | .00 | 2325.93 | 23.28 | 7.24 | 1563.70 | 1744.38 |
| 6.410 | 30. | 2324.4 | 2322.8 | 2312.4 | 10051.0 | 2326.57 | .00 | 2327.24 | 20.28 | 7.27 | 2062.32 | 2232.09 |
| 6.410 | 30. | 2324.4 | 2322.8 | 2312.4 | 13885.0 | 2328.58 | .00 | 2329.27 | 18.85 | 7.71 | 3048.29 | 3197.77 |
| 6.410 | 10. | .0 | .0 | 2313.0 | 5267.0 | 2320.98 | .00 | 2322.20 | 71.42 | 8.94 | 618.69 | 623.24 |
| 6.410 | 10. | .0 | .0 | 2313.0 | 8417.0 | 2325.16 | .00 | 2326.27 | 35.08 | 8.60 | 1112.09 | 1421.20 |
| 6.410 | 10. | .0 | .0 | 2313.0 | 10051.0 | 2326.48 | .00 | 2327.70 | 33.46 | 9.06 | 1302.29 | 1737.49 |
| 6.410 | 10. | .0 | .0 | 2313.0 | 13885.0 | 2328.45 | .00 | 2329.96 | 35.83 | 10.34 | 1787.05 | 2319.57 |

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRWS | EG | 10K*S | VCH | AREA | .01K |
|-------|-------|-------|------|--------|---------|---------|---------|---------|--------|-------|---------|---------|
| 6.500 | 480. | .0 | .0 | 2315.2 | 5267.0 | 2323.94 | .00 | 2324.89 | 45.23 | 7.99 | 786.39 | 783.15 |
| 6.500 | 480. | .0 | .0 | 2315.2 | 8417.0 | 2326.89 | .00 | 2328.03 | 37.57 | 8.93 | 1294.39 | 1373.16 |
| 6.500 | 480. | .0 | .0 | 2315.2 | 10051.0 | 2328.19 | .00 | 2329.32 | 33.82 | 9.11 | 1630.45 | 1728.25 |
| 6.500 | 480. | .0 | .0 | 2315.2 | 13885.0 | 2330.44 | .00 | 2331.56 | 29.58 | 9.52 | 2516.46 | 2552.94 |
| 6.590 | 490. | .0 | .0 | 2323.0 | 5255.0 | 2329.21 | .00 | 2330.48 | 176.54 | 9.17 | 600.49 | 395.51 |
| 6.590 | 490. | .0 | .0 | 2323.0 | 8396.0 | 2331.17 | .00 | 2332.73 | 145.54 | 10.27 | 895.00 | 695.95 |
| 6.590 | 490. | .0 | .0 | 2323.0 | 10024.0 | 2332.07 | .00 | 2333.75 | 135.72 | 10.72 | 1043.24 | 860.43 |
| 6.590 | 490. | .0 | .0 | 2323.0 | 13851.0 | 2333.83 | .00 | 2335.81 | 126.31 | 11.78 | 1363.64 | 1232.43 |
| 6.660 | 370. | .0 | .0 | 2325.0 | 5255.0 | 2332.87 | .00 | 2333.43 | 49.82 | 6.17 | 937.91 | 744.51 |
| 6.660 | 370. | .0 | .0 | 2325.0 | 8396.0 | 2334.90 | .00 | 2335.71 | 53.99 | 7.52 | 1275.55 | 1142.63 |
| 6.660 | 370. | .0 | .0 | 2325.0 | 10024.0 | 2335.80 | .00 | 2336.74 | 55.56 | 8.10 | 1451.60 | 1344.76 |
| 6.660 | 370. | .0 | .0 | 2325.0 | 13851.0 | 2337.63 | .00 | 2338.81 | 57.29 | 9.16 | 1990.60 | 1830.00 |
| 6.760 | 600. | .0 | .0 | 2333.3 | 5243.0 | 2340.05 | .00 | 2341.53 | 204.88 | 9.76 | 537.54 | 366.29 |
| 6.760 | 600. | .0 | .0 | 2333.3 | 8376.0 | 2341.68 | .00 | 2343.74 | 192.73 | 11.53 | 737.84 | 603.34 |
| 6.760 | 600. | .0 | .0 | 2333.3 | 9998.0 | 2342.41 | .00 | 2344.74 | 188.06 | 12.27 | 836.24 | 729.07 |
| 6.760 | 600. | .0 | .0 | 2333.3 | 13819.0 | 2343.95 | .00 | 2346.87 | 182.41 | 13.79 | 1053.27 | 1023.17 |
| 6.840 | 400. | .0 | .0 | 2339.3 | 5243.0 | 2346.76 | .00 | 2347.88 | 128.07 | 8.46 | 622.80 | 463.30 |
| 6.840 | 400. | .0 | .0 | 2339.3 | 8376.0 | 2348.42 | .00 | 2350.05 | 132.13 | 10.28 | 835.93 | 728.68 |
| 6.840 | 400. | .0 | .0 | 2339.3 | 9998.0 | 2349.16 | .00 | 2351.05 | 134.12 | 11.07 | 937.40 | 863.32 |
| 6.840 | 400. | .0 | .0 | 2339.3 | 13819.0 | 2350.72 | .00 | 2353.14 | 135.40 | 12.59 | 1168.20 | 1187.58 |
| 6.920 | 480. | .0 | .0 | 2345.2 | 5233.0 | 2351.24 | .00 | 2351.95 | 70.68 | 5.96 | 792.49 | 622.47 |
| 6.920 | 480. | .0 | .0 | 2345.2 | 8357.0 | 2353.13 | .00 | 2354.02 | 65.92 | 6.86 | 1121.69 | 1029.32 |
| 6.920 | 480. | .0 | .0 | 2345.2 | 9973.0 | 2354.00 | .00 | 2354.90 | 62.25 | 7.23 | 1313.80 | 1264.00 |
| 6.920 | 480. | .0 | .0 | 2345.2 | 13789.0 | 2355.82 | .00 | 2356.49 | 49.48 | 7.45 | 2170.75 | 1960.32 |
| 7.090 | 840. | .0 | .0 | 2352.7 | 5221.0 | 2360.26 | .00 | 2362.27 | 173.31 | 11.48 | 489.75 | 396.59 |
| 7.090 | 840. | .0 | .0 | 2352.7 | 8337.0 | 2362.19 | 2361.47 | 2365.16 | 188.93 | 14.10 | 673.16 | 606.54 |
| 7.090 | 840. | .0 | .0 | 2352.7 | 9947.0 | 2363.00 | 2362.48 | 2366.44 | 196.77 | 15.25 | 765.85 | 709.10 |
| 7.090 | 840. | .0 | .0 | 2352.7 | 13758.0 | 2364.90 | 2364.90 | 2368.99 | 191.55 | 16.95 | 1062.57 | 994.06 |
| 7.280 | 1040. | .0 | .0 | 2365.0 | 5208.0 | 2373.44 | .00 | 2374.23 | 84.70 | 7.21 | 779.75 | 565.90 |
| 7.280 | 1040. | .0 | .0 | 2365.0 | 8314.0 | 2375.71 | .00 | 2376.69 | 76.46 | 8.22 | 1168.10 | 950.79 |
| 7.280 | 1040. | .0 | .0 | 2365.0 | 9918.0 | 2376.72 | .00 | 2377.77 | 73.10 | 8.60 | 1359.43 | 1160.05 |
| 7.280 | 1040. | .0 | .0 | 2365.0 | 13722.0 | 2378.71 | .00 | 2379.91 | 69.65 | 9.43 | 1794.63 | 1644.18 |
| 7.410 | 640. | .0 | .0 | 2371.6 | 5200.0 | 2379.26 | .00 | 2380.31 | 102.01 | 8.34 | 684.31 | 514.85 |
| 7.410 | 640. | .0 | .0 | 2371.6 | 8300.0 | 2380.95 | .00 | 2382.31 | 95.52 | 9.69 | 1037.38 | 849.25 |
| 7.410 | 640. | .0 | .0 | 2371.6 | 9900.0 | 2381.71 | .00 | 2383.19 | 92.36 | 10.19 | 1227.76 | 1030.12 |
| 7.410 | 640. | .0 | .0 | 2371.6 | 13700.0 | 2383.29 | .00 | 2384.93 | 84.56 | 11.03 | 1663.68 | 1489.84 |
| 7.410 | 40. | .0 | .0 | 2372.3 | 5200.0 | 2379.76 | .00 | 2380.76 | 116.14 | 8.01 | 648.79 | 482.53 |
| 7.410 | 40. | .0 | .0 | 2372.3 | 8300.0 | 2381.35 | .00 | 2382.76 | 115.26 | 9.55 | 880.97 | 773.11 |
| 7.410 | 40. | .0 | .0 | 2372.3 | 9900.0 | 2382.07 | .00 | 2383.65 | 114.11 | 10.15 | 1020.63 | 926.79 |
| 7.410 | 40. | .0 | .0 | 2372.3 | 13700.0 | 2383.54 | .00 | 2385.48 | 113.28 | 11.33 | 1343.88 | 1287.21 |

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRWS | EG | 10K*S | VCH | AREA | .01K |
|---------|-------|--------|--------|--------|---------|---------|---------|---------|--------|-------|---------|---------|
| 7.410 | 1. | 2384.8 | 2382.4 | 2372.3 | 5200.0 | 2379.73 | .00 | 2380.81 | 160.67 | 8.36 | 621.70 | 410.24 |
| 7.410 | 1. | 2384.8 | 2382.4 | 2372.3 | 8300.0 | 2381.30 | .00 | 2382.84 | 170.51 | 9.96 | 843.21 | 635.62 |
| 7.410 | 1. | 2384.8 | 2382.4 | 2372.3 | 9900.0 | 2382.02 | .00 | 2383.73 | 173.09 | 10.56 | 978.47 | 752.48 |
| 7.410 | 1. | 2384.8 | 2382.4 | 2372.3 | 13700.0 | 2383.24 | 2382.40 | 2385.84 | 536.16 | 13.24 | 1124.32 | 591.66 |
| 7.410 | 30. | 2384.8 | 2382.4 | 2372.3 | 5200.0 | 2380.40 | .00 | 2381.23 | 106.89 | 7.31 | 711.73 | 502.95 |
| 7.410 | 30. | 2384.8 | 2382.4 | 2372.3 | 8300.0 | 2382.13 | .00 | 2383.29 | 115.38 | 8.69 | 1001.87 | 772.69 |
| 7.410 | 30. | 2384.8 | 2382.4 | 2372.3 | 9900.0 | 2381.07 | .00 | 2384.45 | 284.59 | 9.65 | 1108.14 | 586.85 |
| 7.410 | 30. | 2384.8 | 2382.4 | 2372.3 | 13700.0 | 2385.63 | .00 | 2387.26 | 373.99 | 11.06 | 1450.53 | 708.42 |
| 7.410 | 1. | .0 | .0 | 2372.3 | 5200.0 | 2380.49 | .00 | 2381.24 | 48.56 | 6.93 | 750.25 | 746.21 |
| 7.410 | 1. | .0 | .0 | 2372.3 | 8300.0 | 2382.24 | .00 | 2383.30 | 49.53 | 8.30 | 1056.77 | 1179.40 |
| 7.410 | 1. | .0 | .0 | 2372.3 | 9900.0 | 2383.44 | .00 | 2384.49 | 41.69 | 8.35 | 1320.77 | 1533.25 |
| 7.410 | 1. | .0 | .0 | 2372.3 | 13700.0 | 2386.42 | .00 | 2387.34 | 26.40 | 8.00 | 2219.43 | 2666.23 |
| 7.410 | 10. | .0 | .0 | 2371.6 | 5200.0 | 2380.56 | .00 | 2381.28 | 34.16 | 6.82 | 784.84 | 889.68 |
| 7.410 | 10. | .0 | .0 | 2371.6 | 8300.0 | 2382.27 | .00 | 2383.36 | 39.20 | 8.50 | 1138.84 | 1325.72 |
| 7.410 | 10. | .0 | .0 | 2371.6 | 9900.0 | 2383.46 | .00 | 2384.54 | 33.58 | 8.59 | 1461.10 | 1708.50 |
| 7.410 | 10. | .0 | .0 | 2371.6 | 13700.0 | 2386.46 | .00 | 2387.36 | 21.25 | 8.20 | 2493.01 | 2971.67 |
| 7.580 | 890. | .0 | .0 | 2382.0 | 4200.0 | 2387.62 | .00 | 2388.51 | 126.31 | 7.54 | 557.20 | 373.70 |
| 7.580 | 890. | .0 | .0 | 2382.0 | 6882.0 | 2389.41 | .00 | 2390.59 | 122.11 | 8.72 | 793.24 | 622.79 |
| 7.580 | 890. | .0 | .0 | 2382.0 | 8282.0 | 2390.18 | .00 | 2391.46 | 119.60 | 9.14 | 967.78 | 757.29 |
| 7.580 | 890. | .0 | .0 | 2382.0 | 11482.0 | 2391.83 | .00 | 2393.21 | 104.72 | 9.62 | 1387.10 | 1122.04 |
| 7.990 | 2200. | .0 | .0 | 2403.8 | 4200.0 | 2412.61 | .00 | 2413.76 | 104.19 | 8.60 | 488.12 | 411.47 |
| 7.990 | 2200. | .0 | .0 | 2403.8 | 6840.0 | 2414.98 | .00 | 2416.59 | 112.74 | 10.17 | 672.35 | 644.20 |
| 7.990 | 2200. | .0 | .0 | 2403.8 | 8240.0 | 2416.00 | .00 | 2417.84 | 117.59 | 10.88 | 757.34 | 759.87 |
| 7.990 | 2200. | .0 | .0 | 2403.8 | 11440.0 | 2417.70 | .00 | 2420.16 | 135.12 | 12.58 | 910.49 | 984.17 |
| * 8.200 | 1090. | .0 | .0 | 2426.0 | 4200.0 | 2436.03 | 2435.62 | 2438.45 | 337.18 | 12.75 | 367.90 | 228.73 |
| * 8.200 | 1090. | .0 | .0 | 2426.0 | 6840.0 | 2438.19 | 2437.92 | 2441.42 | 327.91 | 15.05 | 544.54 | 377.73 |
| 8.200 | 1090. | .0 | .0 | 2426.0 | 8240.0 | 2439.17 | 2438.92 | 2442.75 | 323.62 | 16.00 | 632.92 | 458.05 |
| 8.200 | 1090. | .0 | .0 | 2426.0 | 11440.0 | 2441.18 | 2441.02 | 2445.41 | 311.91 | 17.72 | 828.88 | 647.76 |
| 8.350 | 770. | .0 | .0 | 2440.0 | 4200.0 | 2448.67 | .00 | 2449.75 | 92.40 | 9.07 | 615.19 | 436.93 |
| 8.350 | 770. | .0 | .0 | 2440.0 | 6840.0 | 2451.22 | .00 | 2452.69 | 92.41 | 10.80 | 877.96 | 711.55 |
| 8.350 | 770. | .0 | .0 | 2440.0 | 8240.0 | 2452.36 | .00 | 2454.03 | 92.56 | 11.55 | 1004.62 | 856.48 |
| 8.350 | 770. | .0 | .0 | 2440.0 | 11440.0 | 2454.66 | .00 | 2456.72 | 93.63 | 13.03 | 1274.41 | 1182.28 |
| 8.390 | 160. | .0 | .0 | 2444.4 | 2600.0 | 2451.20 | .00 | 2452.76 | 257.02 | 10.04 | 260.43 | 162.18 |
| 8.390 | 160. | .0 | .0 | 2444.4 | 4300.0 | 2453.30 | .00 | 2455.29 | 201.49 | 11.37 | 397.32 | 302.93 |
| 8.390 | 160. | .0 | .0 | 2444.4 | 5200.0 | 2454.32 | .00 | 2456.46 | 182.25 | 11.86 | 473.00 | 385.18 |
| 8.390 | 160. | .0 | .0 | 2444.4 | 7400.0 | 2456.45 | .00 | 2458.95 | 157.96 | 12.96 | 652.20 | 588.79 |
| 8.390 | 40. | .0 | .0 | 2444.4 | 2600.0 | 2452.51 | .00 | 2453.45 | 112.76 | 7.83 | 342.22 | 244.85 |
| 8.390 | 40. | .0 | .0 | 2444.4 | 4300.0 | 2454.56 | .00 | 2455.93 | 112.32 | 9.50 | 491.56 | 405.73 |
| 8.390 | 40. | .0 | .0 | 2444.4 | 5200.0 | 2455.51 | .00 | 2457.07 | 110.67 | 10.16 | 570.22 | 494.30 |
| 8.390 | 40. | .0 | .0 | 2444.4 | 7400.0 | 2457.59 | .00 | 2459.52 | 106.84 | 11.46 | 759.23 | 715.92 |

6

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRWS | EG | 10K*8 | VCH | AREA | .01K |
|---------|-------|--------|--------|--------|--------|---------|---------|---------|--------|-------|---------|---------|
| 8.390 | 30. | 2459.0 | 2455.5 | 2444.4 | 2600.0 | 2452.76 | .00 | 2453.63 | 97.92 | 7.50 | 359.37 | 262.75 |
| 8.390 | 30. | 2459.0 | 2455.5 | 2444.4 | 4300.0 | 2454.93 | .00 | 2456.17 | 95.64 | 9.04 | 521.96 | 439.69 |
| 8.390 | 30. | 2459.0 | 2455.5 | 2444.4 | 5200.0 | 2456.26 | .00 | 2457.55 | 83.44 | 9.30 | 635.41 | 569.27 |
| 8.390 | 30. | 2459.0 | 2455.5 | 2444.4 | 7400.0 | 2460.23 | .00 | 2461.36 | 48.44 | 8.90 | 1027.34 | 1063.27 |
| 8.390 | 10. | .0 | .0 | 2444.4 | 2600.0 | 2452.87 | .00 | 2453.71 | 66.39 | 7.38 | 366.60 | 319.10 |
| 8.390 | 10. | .0 | .0 | 2444.4 | 4300.0 | 2455.03 | .00 | 2456.25 | 66.14 | 8.95 | 530.45 | 528.75 |
| 8.390 | 10. | .0 | .0 | 2444.4 | 5200.0 | 2456.33 | .00 | 2457.62 | 59.09 | 9.29 | 641.16 | 676.44 |
| 8.390 | 10. | .0 | .0 | 2444.4 | 7400.0 | 2460.25 | .00 | 2461.42 | 35.48 | 9.01 | 1029.53 | 1242.27 |
| 8.530 | 680. | .0 | .0 | 2452.5 | 2600.0 | 2459.09 | .00 | 2460.04 | 118.16 | 7.84 | 343.41 | 239.18 |
| 8.530 | 680. | .0 | .0 | 2452.5 | 4300.0 | 2461.11 | .00 | 2462.35 | 112.65 | 9.12 | 532.60 | 405.13 |
| 8.530 | 680. | .0 | .0 | 2452.5 | 5200.0 | 2462.03 | .00 | 2463.38 | 108.97 | 9.56 | 638.46 | 498.13 |
| 8.530 | 680. | .0 | .0 | 2452.5 | 7400.0 | 2464.26 | .00 | 2465.58 | 83.76 | 9.77 | 1026.82 | 808.55 |
| 8.760 | 1160. | .0 | .0 | 2466.8 | 2600.0 | 2471.59 | .00 | 2472.12 | 92.38 | 5.81 | 447.53 | 270.51 |
| 8.760 | 1160. | .0 | .0 | 2466.8 | 4300.0 | 2473.11 | .00 | 2473.83 | 87.31 | 6.80 | 638.48 | 460.18 |
| 8.760 | 1160. | .0 | .0 | 2466.8 | 5200.0 | 2473.79 | .00 | 2474.61 | 86.06 | 7.24 | 724.00 | 560.53 |
| 8.760 | 1160. | .0 | .0 | 2466.8 | 7400.0 | 2474.96 | .00 | 2476.08 | 96.46 | 8.50 | 886.50 | 753.47 |
| 8.940 | 880. | .0 | .0 | 2479.8 | 2546.0 | 2484.83 | .00 | 2486.19 | 218.04 | 9.37 | 273.32 | 172.42 |
| 8.940 | 880. | .0 | .0 | 2479.8 | 4219.0 | 2486.16 | .00 | 2488.11 | 223.00 | 11.24 | 383.62 | 282.53 |
| 8.940 | 880. | .0 | .0 | 2479.8 | 5092.0 | 2486.75 | 2486.54 | 2488.96 | 228.05 | 11.99 | 437.47 | 340.19 |
| 8.940 | 880. | .0 | .0 | 2479.8 | 7238.0 | 2488.08 | 2487.94 | 2490.81 | 219.58 | 13.37 | 568.04 | 488.45 |
| 8.940 | 40. | .0 | .0 | 2479.8 | 2546.0 | 2486.00 | .00 | 2486.76 | 89.83 | 7.01 | 370.31 | 268.63 |
| 8.940 | 40. | .0 | .0 | 2479.8 | 4219.0 | 2487.64 | .00 | 2488.72 | 93.71 | 8.42 | 522.78 | 435.82 |
| 8.940 | 40. | .0 | .0 | 2479.8 | 5092.0 | 2488.37 | .00 | 2489.59 | 94.47 | 8.97 | 599.31 | 523.88 |
| 8.940 | 40. | .0 | .0 | 2479.8 | 7238.0 | 2490.12 | .00 | 2491.42 | 79.21 | 9.45 | 972.96 | 813.26 |
| 8.940 | 30. | 2492.0 | 2491.5 | 2479.8 | 2546.0 | 2486.26 | .00 | 2486.94 | 75.93 | 6.63 | 392.80 | 292.19 |
| 8.940 | 30. | 2492.0 | 2491.5 | 2479.8 | 4219.0 | 2488.01 | .00 | 2488.96 | 77.32 | 7.89 | 560.67 | 479.81 |
| 8.940 | 30. | 2492.0 | 2491.5 | 2479.8 | 5092.0 | 2488.79 | .00 | 2489.85 | 77.17 | 8.36 | 651.41 | 579.63 |
| 8.940 | 30. | 2492.0 | 2491.5 | 2479.8 | 7238.0 | 2491.74 | .00 | 2492.54 | 39.66 | 7.57 | 1216.56 | 1149.27 |
| 8.940 | 10. | .0 | .0 | 2479.8 | 2546.0 | 2486.36 | .00 | 2487.01 | 70.91 | 6.49 | 402.38 | 302.35 |
| 8.940 | 10. | .0 | .0 | 2479.8 | 4219.0 | 2488.13 | .00 | 2489.04 | 72.89 | 7.73 | 572.97 | 494.17 |
| 8.940 | 10. | .0 | .0 | 2479.8 | 5092.0 | 2488.91 | .00 | 2489.93 | 72.91 | 8.20 | 667.56 | 596.33 |
| 8.940 | 10. | .0 | .0 | 2479.8 | 7238.0 | 2491.79 | .00 | 2492.59 | 38.85 | 7.52 | 1227.82 | 1161.28 |
| * 9.100 | 840. | .0 | .0 | 2492.2 | 2530.0 | 2496.94 | 2496.47 | 2498.22 | 206.61 | 9.09 | 278.35 | 176.01 |
| 9.100 | 840. | .0 | .0 | 2492.2 | 4195.0 | 2498.46 | .00 | 2500.17 | 182.77 | 10.52 | 401.32 | 310.30 |
| 9.100 | 840. | .0 | .0 | 2492.2 | 5060.0 | 2499.06 | .00 | 2501.03 | 180.35 | 11.28 | 455.03 | 376.79 |
| 9.100 | 840. | .0 | .0 | 2492.2 | 7190.0 | 2500.28 | .00 | 2502.90 | 185.51 | 13.06 | 570.39 | 527.89 |
| 9.220 | 640. | .0 | .0 | 2500.1 | 2518.0 | 2505.59 | .00 | 2506.13 | 86.88 | 6.18 | 500.58 | 270.14 |
| 9.220 | 640. | .0 | .0 | 2500.1 | 4177.0 | 2507.13 | .00 | 2507.88 | 88.14 | 7.45 | 708.47 | 444.92 |
| 9.220 | 640. | .0 | .0 | 2500.1 | 5036.0 | 2507.84 | .00 | 2508.68 | 87.49 | 7.96 | 807.86 | 538.40 |
| 9.220 | 640. | .0 | .0 | 2500.1 | 7154.0 | 2509.44 | .00 | 2510.47 | 84.23 | 8.93 | 1046.52 | 779.50 |

PRINTED IN U.S.A.

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CNGEL | CRMG | EG | 10K*9 | VCH | AREA | .01K |
|--------|-------|-------|------|--------|--------|---------|------|---------|--------|-------|---------|---------|
| 9.320 | 550. | .0 | .0 | 2505.0 | 2508.0 | 2510.79 | .00 | 2511.43 | 102.99 | 6.59 | 425.40 | 247.13 |
| 9.320 | 550. | .0 | .0 | 2505.0 | 4162.0 | 2512.36 | .00 | 2513.26 | 103.17 | 7.96 | 616.41 | 409.76 |
| 9.320 | 550. | .0 | .0 | 2505.0 | 5016.0 | 2513.04 | .00 | 2514.07 | 103.37 | 8.53 | 704.08 | 493.35 |
| 9.320 | 550. | .0 | .0 | 2505.0 | 7124.0 | 2514.54 | .00 | 2515.83 | 104.11 | 9.73 | 903.14 | 696.21 |
| 9.330 | 50. | .0 | .0 | 2505.0 | 2508.0 | 2511.37 | .00 | 2511.85 | 67.68 | 5.77 | 507.26 | 304.86 |
| 9.330 | 50. | .0 | .0 | 2505.0 | 4162.0 | 2513.02 | .00 | 2513.70 | 70.21 | 7.01 | 736.53 | 496.71 |
| 9.330 | 50. | .0 | .0 | 2505.0 | 5016.0 | 2513.74 | .00 | 2514.51 | 70.79 | 7.52 | 845.76 | 596.18 |
| 9.330 | 50. | .0 | .0 | 2505.0 | 7124.0 | 2515.35 | .00 | 2516.29 | 69.93 | 8.47 | 1132.29 | 851.93 |
| 9.430 | 530. | .0 | .0 | 2513.3 | 2497.0 | 2519.10 | .00 | 2519.03 | 194.66 | 7.79 | 331.36 | 178.97 |
| 9.430 | 530. | .0 | .0 | 2513.3 | 4146.0 | 2519.50 | .00 | 2520.85 | 187.10 | 9.40 | 462.32 | 303.10 |
| 9.430 | 530. | .0 | .0 | 2513.3 | 4994.0 | 2520.13 | .00 | 2521.68 | 185.08 | 10.09 | 522.55 | 367.09 |
| 9.430 | 530. | .0 | .0 | 2513.3 | 7091.0 | 2521.50 | .00 | 2523.53 | 182.81 | 11.54 | 659.14 | 524.46 |
| 9.670 | 1160. | .0 | .0 | 2548.0 | 2497.0 | 2552.23 | .00 | 2554.10 | 401.89 | 10.96 | 227.88 | 124.56 |
| 9.670 | 1160. | .0 | .0 | 2548.0 | 4146.0 | 2553.76 | .00 | 2556.42 | 377.39 | 13.11 | 325.61 | 213.42 |
| 9.670 | 1160. | .0 | .0 | 2548.0 | 4994.0 | 2554.54 | .00 | 2557.45 | 348.55 | 13.76 | 383.83 | 267.50 |
| 9.670 | 1160. | .0 | .0 | 2548.0 | 7091.0 | 2556.20 | .00 | 2559.68 | 310.75 | 15.19 | 526.50 | 402.26 |
| 9.670 | 30. | .0 | .0 | 2556.4 | 2497.0 | 2559.08 | .00 | 2560.24 | 407.12 | 8.87 | 326.92 | 123.75 |
| 9.670 | 30. | .0 | .0 | 2556.4 | 4146.0 | 2560.22 | .00 | 2561.53 | 301.82 | 9.69 | 583.27 | 238.65 |
| 9.670 | 30. | .0 | .0 | 2556.4 | 4994.0 | 2560.97 | .00 | 2561.99 | 201.71 | 8.92 | 950.58 | 351.63 |
| 9.670 | 30. | .0 | .0 | 2556.4 | 7091.0 | 2561.65 | .00 | 2562.68 | 192.74 | 9.57 | 1502.16 | 510.77 |
| 9.670 | 30. | .0 | .0 | 2554.0 | 2497.0 | 2560.25 | .00 | 2560.51 | 31.62 | 4.29 | 603.59 | 444.04 |
| 9.670 | 30. | .0 | .0 | 2554.0 | 4146.0 | 2561.50 | .00 | 2561.82 | 35.41 | 5.13 | 1581.88 | 696.72 |
| 9.670 | 30. | .0 | .0 | 2554.0 | 4994.0 | 2561.90 | .00 | 2562.24 | 37.38 | 5.46 | 1943.34 | 816.87 |
| 9.670 | 30. | .0 | .0 | 2554.0 | 7091.0 | 2562.54 | .00 | 2562.96 | 45.89 | 6.37 | 2580.03 | 1046.75 |
| 9.820 | 740. | .0 | .0 | 2569.6 | 2497.0 | 2573.57 | .00 | 2574.74 | 340.56 | 9.07 | 347.50 | 135.31 |
| 9.820 | 740. | .0 | .0 | 2569.6 | 4146.0 | 2574.62 | .00 | 2576.10 | 320.38 | 10.52 | 560.27 | 231.63 |
| 9.820 | 740. | .0 | .0 | 2569.6 | 4994.0 | 2575.05 | .00 | 2576.66 | 314.30 | 11.13 | 664.61 | 281.69 |
| 9.820 | 740. | .0 | .0 | 2569.6 | 7091.0 | 2575.98 | .00 | 2577.86 | 305.15 | 12.38 | 904.04 | 405.93 |
| 9.940 | 630. | .0 | .0 | 2583.7 | 2497.0 | 2588.84 | .00 | 2589.57 | 179.10 | 7.43 | 511.49 | 186.58 |
| 9.940 | 630. | .0 | .0 | 2583.7 | 4146.0 | 2589.86 | .00 | 2590.79 | 182.32 | 8.76 | 786.25 | 307.06 |
| 9.940 | 630. | .0 | .0 | 2583.7 | 4994.0 | 2590.31 | .00 | 2591.33 | 183.66 | 9.33 | 906.32 | 368.50 |
| 9.940 | 630. | .0 | .0 | 2583.7 | 7091.0 | 2591.27 | .00 | 2592.49 | 186.05 | 10.50 | 1170.67 | 519.86 |
| 10.050 | 530. | .0 | .0 | 2591.2 | 2435.0 | 2598.23 | .00 | 2599.36 | 182.87 | 8.51 | 286.85 | 180.07 |
| 10.050 | 530. | .0 | .0 | 2591.2 | 4053.0 | 2599.77 | .00 | 2601.50 | 206.58 | 10.56 | 390.87 | 281.99 |
| 10.050 | 530. | .0 | .0 | 2591.2 | 4870.0 | 2600.37 | .00 | 2602.42 | 215.46 | 11.50 | 439.59 | 331.78 |
| 10.050 | 530. | .0 | .0 | 2591.2 | 6905.0 | 2601.65 | .00 | 2604.44 | 235.20 | 13.51 | 560.69 | 450.24 |
| 10.050 | 40. | .0 | .0 | 2591.2 | 2435.0 | 2599.16 | .00 | 2599.93 | 107.20 | 7.08 | 346.60 | 235.18 |
| 10.050 | 40. | .0 | .0 | 2591.2 | 4053.0 | 2600.96 | .00 | 2602.13 | 111.26 | 8.75 | 492.36 | 384.25 |
| 10.050 | 40. | .0 | .0 | 2591.2 | 4870.0 | 2601.72 | .00 | 2603.08 | 113.07 | 9.43 | 568.82 | 457.99 |
| 10.050 | 40. | .0 | .0 | 2591.2 | 6905.0 | 2603.45 | .00 | 2605.15 | 112.20 | 10.71 | 776.92 | 651.88 |

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRINS | EG | 10K*8 | VCH | AREA | .01K |
|----------|-------|--------|--------|--------|--------|---------|---------|---------|--------|-------|--------|--------|
| 10.050 | 30. | 2605.7 | 2603.2 | 2591.2 | 2435.0 | 2599.55 | .00 | 2600.23 | 84.68 | 6.59 | 374.23 | 264.61 |
| 10.050 | 30. | 2605.7 | 2603.2 | 2591.2 | 4053.0 | 2601.61 | .00 | 2602.58 | 82.18 | 7.97 | 557.37 | 447.08 |
| 10.050 | 30. | 2605.7 | 2603.2 | 2591.2 | 4870.0 | 2602.50 | .00 | 2603.59 | 80.96 | 8.49 | 657.27 | 541.24 |
| * 10.050 | 30. | 2605.7 | 2603.2 | 2591.2 | 6905.0 | 2604.36 | .00 | 2605.71 | 79.87 | 9.60 | 908.82 | 772.61 |
| 10.050 | 10. | .0 | .0 | 2591.2 | 2435.0 | 2599.66 | .00 | 2600.31 | 79.85 | 6.48 | 381.75 | 272.49 |
| 10.050 | 10. | .0 | .0 | 2591.2 | 4053.0 | 2601.72 | .00 | 2602.67 | 78.47 | 7.85 | 568.32 | 457.52 |
| 10.050 | 10. | .0 | .0 | 2591.2 | 4870.0 | 2602.61 | .00 | 2603.67 | 77.58 | 8.38 | 669.78 | 552.89 |
| 10.050 | 10. | .0 | .0 | 2591.2 | 6905.0 | 2604.49 | .00 | 2605.79 | 76.39 | 9.46 | 928.55 | 790.01 |
| 10.360 | 1640. | .0 | .0 | 2632.3 | 2400.0 | 2636.55 | .00 | 2637.95 | 374.56 | 9.56 | 264.35 | 124.01 |
| 10.360 | 1640. | .0 | .0 | 2632.3 | 4000.0 | 2637.80 | 2637.66 | 2639.84 | 368.18 | 11.61 | 374.54 | 208.46 |
| 10.360 | 1640. | .0 | .0 | 2632.3 | 4800.0 | 2638.35 | 2638.22 | 2640.68 | 365.93 | 12.44 | 425.24 | 250.92 |
| * 10.360 | 1640. | .0 | .0 | 2632.3 | 6800.0 | 2639.72 | 2639.72 | 2642.53 | 331.34 | 13.79 | 579.37 | 373.57 |

RAVEN FORK

SUMMARY PRINTOUT TABLE 150

| SECNO | Q | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 5.960 | 5300. | 2299.0 | .0 | .0 | .0 | 134.05 | 500.00 |
| 5.960 | 8470. | 2301.1 | 2.1 | .0 | .0 | 161.73 | 500.00 |
| 5.960 | 10120. | 2302.1 | 1.0 | .0 | .0 | 171.67 | 500.00 |
| 5.960 | 13970. | 2303.6 | 1.5 | .0 | .0 | 186.57 | 500.00 |
| 6.140 | 5285. | 2308.0 | .0 | 9.0 | .0 | 112.47 | 840.00 |
| 6.140 | 8449. | 2310.0 | 2.0 | 8.9 | .0 | 134.33 | 840.00 |
| 6.140 | 10092. | 2310.8 | .8 | 8.7 | .0 | 144.05 | 840.00 |
| 6.140 | 13435. | 2312.6 | 1.8 | 9.0 | .0 | 169.19 | 840.00 |
| 6.250 | 5278. | 2314.1 | .0 | 6.1 | .0 | 135.33 | 620.00 |
| 6.250 | 8436. | 2316.1 | 2.0 | 6.1 | .0 | 142.79 | 620.00 |
| 6.250 | 10075. | 2317.1 | .9 | 6.3 | .0 | 160.21 | 620.00 |
| 6.250 | 13914. | 2319.0 | 1.9 | 6.4 | .0 | 457.43 | 620.00 |
| 6.410 | 5267. | 2320.6 | .0 | 6.5 | .0 | 126.51 | 740.00 |
| 6.410 | 8417. | 2322.5 | 1.9 | 6.4 | .0 | 159.26 | 740.00 |
| 6.410 | 10051. | 2323.4 | .9 | 6.3 | .0 | 205.14 | 740.00 |
| 6.410 | 13885. | 2325.0 | 1.6 | 6.0 | .0 | 261.99 | 740.00 |
| 6.410 | 5267. | 2321.0 | .0 | .4 | .0 | 128.61 | 40.00 |
| 6.410 | 8417. | 2323.0 | 2.0 | .5 | .0 | 194.24 | 40.00 |
| 6.410 | 10051. | 2323.9 | .9 | .6 | .0 | 229.28 | 40.00 |
| 6.410 | 13885. | 2325.8 | 1.8 | .8 | .0 | 367.05 | 40.00 |
| 6.410 | 5267. | 2321.0 | .0 | .0 | .0 | 128.62 | 30.00 |
| 6.410 | 8417. | 2325.2 | 4.2 | 2.2 | .0 | 267.55 | 30.00 |
| 6.410 | 10051. | 2326.6 | 1.4 | 2.6 | .0 | 437.26 | 30.00 |
| 6.410 | 13885. | 2328.6 | 2.0 | 2.8 | .0 | 523.51 | 30.00 |
| 6.410 | 5267. | 2321.0 | .0 | .0 | .0 | 104.53 | 10.00 |
| 6.410 | 8417. | 2325.2 | 4.2 | -.0 | .0 | 131.03 | 10.00 |
| 6.410 | 10051. | 2326.5 | 1.3 | -.1 | .0 | 191.02 | 10.00 |
| 6.410 | 13885. | 2328.4 | 2.0 | -.1 | .0 | 305.28 | 10.00 |
| 6.500 | 5267. | 2323.9 | .0 | 3.0 | .0 | 130.03 | 480.00 |
| 6.500 | 8417. | 2326.9 | 3.0 | 1.7 | .0 | 239.99 | 480.00 |
| 6.500 | 10051. | 2328.2 | 1.3 | 1.7 | .0 | 306.85 | 480.00 |
| 6.500 | 13885. | 2330.4 | 2.3 | 2.0 | .0 | 439.23 | 480.00 |
| 6.590 | 5255. | 2329.2 | .0 | 5.3 | .0 | 140.09 | 490.00 |
| 6.590 | 8396. | 2331.2 | 2.0 | 4.3 | .0 | 160.26 | 490.00 |
| 6.590 | 10024. | 2332.1 | .9 | 3.9 | .0 | 169.51 | 490.00 |
| 6.590 | 13851. | 2333.8 | 1.8 | 3.4 | .0 | 195.00 | 490.00 |

| SECNO | Q | CNSL | DIFMSP | DIFMSX | DIFKWS | TOPWID | XLCH |
|-------|--------|--------|--------|--------|--------|--------|---------|
| 6.660 | 5255. | 2332.9 | .0 | 3.7 | .0 | 166.46 | 370.00 |
| 6.660 | 8396. | 2334.9 | 2.0 | 3.7 | .0 | 199.48 | 370.00 |
| 6.660 | 10024. | 2335.8 | .9 | 3.7 | .0 | 246.82 | 370.00 |
| 6.660 | 13851. | 2337.6 | 1.8 | 3.8 | .0 | 379.17 | 370.00 |
| 6.760 | 5243. | 2340.1 | .0 | 7.2 | .0 | 117.64 | 600.00 |
| 6.760 | 8376. | 2341.7 | 1.6 | 6.8 | .0 | 129.95 | 600.00 |
| 6.760 | 9998. | 2342.4 | .7 | 6.6 | .0 | 135.72 | 600.00 |
| 6.760 | 13819. | 2344.0 | 1.5 | 6.3 | .0 | 147.17 | 600.00 |
| 6.840 | 5243. | 2346.8 | .0 | 6.7 | .0 | 122.86 | 400.00 |
| 6.840 | 8376. | 2348.4 | 1.7 | 6.7 | .0 | 135.70 | 400.00 |
| 6.840 | 9998. | 2349.2 | .7 | 6.7 | .0 | 141.40 | 400.00 |
| 6.840 | 13819. | 2350.7 | 1.6 | 6.8 | .0 | 152.58 | 400.00 |
| 6.920 | 5233. | 2351.2 | .0 | 4.5 | .0 | 157.26 | 480.00 |
| 6.920 | 8357. | 2353.1 | 1.9 | 4.7 | .0 | 203.10 | 480.00 |
| 6.920 | 9973. | 2354.0 | .9 | 4.8 | .0 | 457.64 | 480.00 |
| 6.920 | 13789. | 2355.8 | 1.8 | 5.1 | .0 | 484.24 | 480.00 |
| 7.090 | 5221. | 2360.3 | .0 | 9.0 | .0 | 82.79 | 840.00 |
| 7.090 | 8337. | 2362.2 | 1.9 | 9.1 | .0 | 106.32 | 840.00 |
| 7.090 | 9947. | 2363.0 | .8 | 9.0 | .0 | 129.64 | 840.00 |
| 7.090 | 13758. | 2364.9 | 1.9 | 9.1 | .0 | 170.82 | 840.00 |
| 7.280 | 5208. | 2373.4 | .0 | 13.2 | .0 | 153.47 | 1040.00 |
| 7.280 | 8314. | 2375.7 | 2.3 | 13.5 | .0 | 183.89 | 1040.00 |
| 7.280 | 9918. | 2376.7 | 1.0 | 13.7 | .0 | 191.39 | 1040.00 |
| 7.280 | 13722. | 2378.7 | 2.0 | 13.8 | .0 | 263.87 | 1040.00 |
| 7.410 | 5200. | 2379.3 | .0 | 5.8 | .0 | 179.48 | 640.00 |
| 7.410 | 8300. | 2380.9 | 1.7 | 5.2 | .0 | 239.50 | 640.00 |
| 7.410 | 9900. | 2381.7 | .8 | 5.0 | .0 | 263.97 | 640.00 |
| 7.410 | 13700. | 2383.3 | 1.6 | 4.6 | .0 | 283.03 | 640.00 |
| 7.410 | 5200. | 2379.8 | .0 | .5 | .0 | 136.00 | 40.00 |
| 7.410 | 8300. | 2381.3 | 1.6 | .4 | .0 | 185.01 | 40.00 |
| 7.410 | 9900. | 2382.1 | .7 | .4 | .0 | 201.98 | 40.00 |
| 7.410 | 13700. | 2383.5 | 1.5 | .2 | .0 | 236.61 | 40.00 |
| 7.410 | 5200. | 2379.7 | .0 | -.0 | .0 | 134.00 | 1.00 |
| 7.410 | 8300. | 2381.3 | 1.6 | -.0 | .0 | 162.88 | 1.00 |
| 7.410 | 9900. | 2382.0 | .7 | -.1 | .0 | 196.78 | 1.00 |
| 7.410 | 13700. | 2383.2 | 1.2 | -.3 | .0 | 229.56 | 1.00 |
| 7.410 | 5200. | 2380.4 | .0 | .7 | .0 | 134.00 | 30.00 |
| 7.410 | 8300. | 2382.1 | 1.7 | .8 | .0 | 199.55 | 30.00 |
| 7.410 | 9900. | 2383.1 | .9 | 1.0 | .0 | 225.31 | 30.00 |
| 7.410 | 13700. | 2385.6 | 2.6 | 2.4 | .0 | 361.63 | 30.00 |

| SECNO | Q | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|-------|--------|--------|--------|--------|--------|--------|---------|
| 7.410 | 5200. | 2380.5 | .0 | .1 | .0 | 138.00 | 1.00 |
| 7.410 | 8300. | 2382.2 | 1.8 | .1 | .0 | 206.14 | 1.00 |
| 7.410 | 9900. | 2383.4 | 1.2 | .4 | .0 | 234.31 | 1.00 |
| 7.410 | 13700. | 2386.4 | 3.0 | .8 | .0 | 363.92 | 1.00 |
| 7.410 | 5200. | 2380.6 | .0 | .1 | .0 | 129.96 | 10.00 |
| 7.410 | 8300. | 2382.3 | 1.7 | .0 | .0 | 263.48 | 10.00 |
| 7.410 | 9900. | 2383.5 | 1.2 | .0 | .0 | 275.40 | 10.00 |
| 7.410 | 13700. | 2386.5 | 3.0 | .0 | .0 | 365.34 | 10.00 |
| 7.580 | 4200. | 2387.6 | .0 | 7.1 | .0 | 123.85 | 890.00 |
| 7.580 | 6882. | 2389.4 | 1.8 | 7.1 | .0 | 216.96 | 890.00 |
| 7.580 | 8282. | 2390.2 | .8 | 6.7 | .0 | 233.56 | 890.00 |
| 7.580 | 11482. | 2391.8 | 1.7 | 5.4 | .0 | 270.05 | 890.00 |
| 7.990 | 4200. | 2412.6 | .0 | 25.0 | .0 | 72.71 | 2200.00 |
| 7.990 | 6840. | 2415.0 | 2.4 | 25.6 | .0 | 81.99 | 2200.00 |
| 7.990 | 8240. | 2416.0 | 1.0 | 25.8 | .0 | 85.93 | 2200.00 |
| 7.990 | 11440. | 2417.7 | 1.7 | 25.9 | .0 | 98.49 | 2200.00 |
| * | 8.200 | 4200. | 2436.0 | .0 | 23.4 | 75.91 | 1090.00 |
| * | 8.200 | 6840. | 2438.2 | 2.2 | 23.2 | 87.56 | 1090.00 |
| 8.200 | 8240. | 2439.2 | 1.0 | 23.2 | .0 | 92.73 | 1090.00 |
| 8.200 | 11440. | 2441.2 | 2.0 | 23.5 | .0 | 102.24 | 1090.00 |
| 8.350 | 4200. | 2448.7 | .0 | 12.6 | .0 | 98.52 | 770.00 |
| 8.350 | 6840. | 2451.2 | 2.5 | 13.0 | .0 | 107.85 | 770.00 |
| 8.350 | 8240. | 2452.4 | 1.1 | 13.2 | .0 | 111.80 | 770.00 |
| 8.350 | 11440. | 2454.7 | 2.3 | 13.5 | .0 | 131.65 | 770.00 |
| 8.390 | 2600. | 2451.2 | .0 | 2.5 | .0 | 58.94 | 160.00 |
| 8.390 | 4300. | 2453.3 | 2.1 | 2.1 | .0 | 71.59 | 160.00 |
| 8.390 | 5200. | 2454.3 | 1.0 | 2.0 | .0 | 77.71 | 160.00 |
| 8.390 | 7400. | 2456.4 | 2.1 | 1.8 | .0 | 90.55 | 160.00 |
| 8.390 | 2600. | 2452.5 | .0 | 1.3 | .0 | 66.79 | 40.00 |
| 8.390 | 4300. | 2454.6 | 2.0 | 1.3 | .0 | 79.13 | 40.00 |
| 8.390 | 5200. | 2455.5 | 1.0 | 1.2 | .0 | 84.92 | 40.00 |
| 8.390 | 7400. | 2457.6 | 2.1 | 1.1 | .0 | 96.71 | 40.00 |
| 8.390 | 2600. | 2452.8 | .0 | .3 | .0 | 68.32 | 30.00 |
| 8.390 | 4300. | 2454.9 | 2.2 | .4 | .0 | 81.42 | 30.00 |
| 8.390 | 5200. | 2456.3 | 1.3 | .7 | .0 | 89.43 | 30.00 |
| 8.390 | 7400. | 2460.2 | 4.0 | 2.6 | .0 | 107.28 | 30.00 |
| 8.390 | 2600. | 2452.9 | .0 | .1 | .0 | 68.96 | 10.00 |
| 8.390 | 4300. | 2455.0 | 2.2 | .1 | .0 | 82.05 | 10.00 |
| 8.390 | 5200. | 2456.3 | 1.3 | .1 | .0 | 89.82 | 10.00 |
| 8.390 | 7400. | 2460.3 | 3.9 | .0 | .0 | 108.15 | 10.00 |

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| SECNO | Q | CWSEL | DIFWSP | DIFWSX | DIFKNS | TOPWID | XLCH |
|---------|-------|--------|--------|--------|--------|--------|---------|
| 8.530 | 2600. | 2459.1 | .0 | 6.2 | .0 | 79.36 | 680.00 |
| 8.530 | 4300. | 2461.1 | 2.0 | 6.1 | .0 | 108.43 | 680.00 |
| 8.530 | 5200. | 2462.0 | .9 | 5.7 | .0 | 121.70 | 680.00 |
| 8.530 | 7400. | 2464.3 | 2.2 | 4.0 | .0 | 281.60 | 680.00 |
| 8.760 | 2600. | 2471.6 | .0 | 12.5 | .0 | 116.44 | 1160.00 |
| 8.760 | 4300. | 2473.1 | 1.5 | 12.0 | .0 | 128.99 | 1160.00 |
| 8.760 | 5200. | 2473.8 | .7 | 11.8 | .0 | 134.60 | 1160.00 |
| 8.760 | 7400. | 2475.0 | 1.2 | 10.7 | .0 | 144.22 | 1160.00 |
| 8.940 | 2546. | 2484.8 | .0 | 13.2 | .0 | 78.40 | 880.00 |
| 8.940 | 4219. | 2486.2 | 1.3 | 13.0 | .0 | 88.46 | 880.00 |
| 8.940 | 5092. | 2486.7 | .6 | 13.0 | .0 | 92.98 | 880.00 |
| 8.940 | 7238. | 2488.1 | 1.3 | 13.1 | .0 | 105.32 | 880.00 |
| 8.940 | 2546. | 2486.0 | .0 | 1.2 | .0 | 87.31 | 40.00 |
| 8.940 | 4219. | 2487.6 | 1.6 | 1.5 | .0 | 99.71 | 40.00 |
| 8.940 | 5092. | 2488.4 | .7 | 1.6 | .0 | 115.43 | 40.00 |
| 8.940 | 7238. | 2490.1 | 1.8 | 2.0 | .0 | 298.73 | 40.00 |
| 8.940 | 2546. | 2486.3 | .0 | .3 | .0 | 89.25 | 30.00 |
| 8.940 | 4219. | 2488.0 | 1.8 | .4 | .0 | 102.79 | 30.00 |
| 8.940 | 5092. | 2488.8 | .8 | .4 | .0 | 130.55 | 30.00 |
| 8.940 | 7238. | 2491.7 | 3.0 | 1.6 | .0 | 224.16 | 30.00 |
| 8.940 | 2546. | 2486.4 | .0 | .1 | .0 | 90.06 | 10.00 |
| 8.940 | 4219. | 2488.1 | 1.8 | .1 | .0 | 106.98 | 10.00 |
| 8.940 | 5092. | 2488.9 | .8 | .1 | .0 | 134.74 | 10.00 |
| 8.940 | 7238. | 2491.8 | 2.9 | .1 | .0 | 225.12 | 10.00 |
| * 9.100 | 2530. | 2496.9 | .0 | 10.6 | .0 | 76.45 | 840.00 |
| 9.100 | 4195. | 2498.5 | 1.5 | 10.3 | .0 | 86.39 | 840.00 |
| 9.100 | 5060. | 2499.1 | .6 | 10.2 | .0 | 90.47 | 840.00 |
| 9.100 | 7190. | 2500.3 | 1.2 | 8.5 | .0 | 98.66 | 840.00 |
| 9.220 | 2518. | 2505.6 | .0 | 8.7 | .0 | 132.23 | 640.00 |
| 9.220 | 4177. | 2507.1 | 1.5 | 8.7 | .0 | 138.66 | 640.00 |
| 9.220 | 5036. | 2507.8 | .7 | 8.8 | .0 | 141.63 | 640.00 |
| 9.220 | 7154. | 2509.4 | 1.6 | 9.2 | .0 | 170.17 | 640.00 |
| 9.320 | 2508. | 2510.8 | .0 | 5.2 | .0 | 110.82 | 550.00 |
| 9.320 | 4162. | 2512.4 | 1.6 | 5.2 | .0 | 125.63 | 550.00 |
| 9.320 | 5016. | 2513.0 | .7 | 5.2 | .0 | 128.75 | 550.00 |
| 9.320 | 7124. | 2514.5 | 1.5 | 5.1 | .0 | 149.82 | 550.00 |
| 9.330 | 2508. | 2511.4 | .0 | .6 | .0 | 131.95 | 50.00 |
| 9.330 | 4162. | 2513.0 | 1.6 | .7 | .0 | 147.20 | 50.00 |
| 9.330 | 5016. | 2513.7 | .7 | .7 | .0 | 153.93 | 50.00 |
| 9.330 | 7124. | 2515.3 | 1.6 | .8 | .0 | 209.36 | 50.00 |

PRINTED IN U.S.A.

| SECNO | Q | CHREL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|--------|--------|--------|--------|--------|--------|---------|---------|
| 9.430 | 2497. | 2518.1 | .0 | 6.7 | .0 | 91.32 | 530.00 |
| 9.430 | 4146. | 2519.5 | 1.4 | 6.5 | .0 | 94.98 | 530.00 |
| 9.430 | 4994. | 2520.1 | .6 | 6.4 | .0 | 96.62 | 530.00 |
| 9.430 | 7091. | 2521.5 | 1.4 | 6.2 | .0 | 112.01 | 530.00 |
| 9.670 | 2497. | 2552.2 | .0 | 34.1 | .0 | 56.96 | 1160.00 |
| * | 9.670 | 4146. | 1.5 | 34.3 | .0 | 71.11 | 1160.00 |
| * | 9.670 | 4994. | .8 | 34.4 | .0 | 78.32 | 1160.00 |
| * | 9.670 | 7091. | 1.7 | 34.7 | .0 | 93.67 | 1160.00 |
| * | 9.670 | 2497. | .0 | 6.8 | .0 | 164.69 | 30.00 |
| * | 9.670 | 4146. | 1.1 | 6.5 | .0 | 324.48 | 30.00 |
| * | 9.670 | 4994. | .7 | 6.4 | .0 | 739.00 | 30.00 |
| * | 9.670 | 7091. | .7 | 5.5 | .0 | 877.16 | 30.00 |
| 9.670 | 2497. | 2560.3 | .0 | 1.2 | .0 | 330.49 | 30.00 |
| 9.670 | 4146. | 2561.5 | 1.2 | 1.3 | .0 | 846.57 | 30.00 |
| 9.670 | 4994. | 2561.9 | .4 | .9 | .0 | 928.98 | 30.00 |
| 9.670 | 7091. | 2562.5 | .6 | .9 | .0 | 1033.27 | 30.00 |
| 9.820 | 2497. | 2573.6 | .0 | 13.3 | .0 | 154.67 | 740.00 |
| * | 9.820 | 4146. | 1.1 | 13.1 | .0 | 233.93 | 740.00 |
| * | 9.820 | 4994. | .4 | 13.2 | .0 | 246.36 | 740.00 |
| * | 9.820 | 7091. | .9 | 13.4 | .0 | 272.77 | 740.00 |
| 9.940 | 2497. | 2588.8 | .0 | 15.3 | .0 | 260.15 | 630.00 |
| 9.940 | 4146. | 2589.9 | 1.0 | 15.2 | .0 | 270.59 | 630.00 |
| 9.940 | 4994. | 2590.3 | .4 | 15.3 | .0 | 273.15 | 630.00 |
| 9.940 | 7091. | 2591.3 | 1.0 | 15.3 | .0 | 278.91 | 630.00 |
| 10.050 | 2435. | 2598.2 | .0 | 9.4 | .0 | 61.90 | 530.00 |
| 10.050 | 4053. | 2599.8 | 1.5 | 9.9 | .0 | 76.61 | 530.00 |
| 10.050 | 4870. | 2600.4 | .6 | 10.1 | .0 | 85.22 | 530.00 |
| 10.050 | 6905. | 2601.6 | 1.3 | 10.4 | .0 | 105.75 | 530.00 |
| 10.050 | 2435. | 2599.2 | .0 | .9 | .0 | 67.83 | 40.00 |
| 10.050 | 4053. | 2601.0 | 1.8 | 1.2 | .0 | 94.69 | 40.00 |
| 10.050 | 4870. | 2601.7 | .8 | 1.3 | .0 | 106.99 | 40.00 |
| 10.050 | 6905. | 2603.4 | 1.7 | 1.8 | .0 | 134.90 | 40.00 |
| 10.050 | 2435. | 2599.6 | .0 | .4 | .0 | 73.43 | 30.00 |
| 10.050 | 4053. | 2601.6 | 2.1 | .7 | .0 | 105.24 | 30.00 |
| 10.050 | 4870. | 2602.5 | .9 | .8 | .0 | 119.65 | 30.00 |
| * | 10.050 | 6905. | 1.9 | .9 | .0 | 157.04 | 30.00 |
| 10.050 | 2435. | 2599.7 | .0 | .1 | .0 | 74.88 | 10.00 |
| 10.050 | 4053. | 2601.7 | 2.1 | .1 | .0 | 106.91 | 10.00 |
| 10.050 | 4870. | 2602.6 | .9 | .1 | .0 | 121.33 | 10.00 |
| 10.050 | 6905. | 2604.5 | 1.9 | .1 | .0 | 164.42 | 10.00 |

| SECNO | Q | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|----------|-------|--------|--------|--------|--------|--------|---------|
| 10.360 | 2400. | 2636.5 | .0 | 36.9 | .0 | 84.13 | 1640.00 |
| 10.360 | 4000. | 2637.6 | 1.3 | 36.1 | .0 | 91.42 | 1640.00 |
| 10.360 | 4800. | 2638.3 | .5 | 35.7 | .0 | 94.59 | 1640.00 |
| * 10.360 | 6800. | 2639.7 | 1.4 | 35.2 | .0 | 155.99 | 1640.00 |

RAVEN FORK

CHEROKEE INDIAN LANDS

| MILE | 500-YEAR FLOOD | | 100-YEAR FLOOD | | 50-YEAR FLOOD | | 10-YEAR FLOOD | |
|-------|----------------|--------|----------------|--------|---------------|--------|---------------|--------|
| | Q | ELEV | Q | ELEV | Q | ELEV | Q | ELEV |
| 5.960 | 13970. | 2303.6 | 10120. | 2302.1 | 8470. | 2301.1 | 5300. | 2299.0 |
| 6.140 | 13935. | 2312.6 | 10092. | 2310.8 | 8449. | 2310.0 | 5285. | 2308.0 |
| 6.250 | 13914. | 2319.0 | 10075. | 2317.1 | 8436. | 2316.1 | 5278. | 2314.1 |
| 6.410 | 13885. | 2325.0 | 10051. | 2323.4 | 8417. | 2322.5 | 5267. | 2320.6 |
| 6.410 | 13885. | 2328.4 | 10051. | 2326.5 | 8417. | 2325.2 | 5267. | 2321.0 |
| 6.500 | 13885. | 2330.4 | 10051. | 2328.2 | 8417. | 2326.9 | 5267. | 2323.9 |
| 6.590 | 13851. | 2333.8 | 10024. | 2332.1 | 8396. | 2331.2 | 5255. | 2329.2 |
| 6.660 | 13851. | 2337.6 | 10024. | 2335.8 | 8396. | 2334.9 | 5255. | 2332.9 |
| 6.760 | 13819. | 2344.0 | 9998. | 2342.4 | 8376. | 2341.7 | 5243. | 2340.1 |
| 6.840 | 13819. | 2350.7 | 9998. | 2349.2 | 8376. | 2348.4 | 5243. | 2346.8 |
| 6.920 | 13789. | 2355.8 | 9973. | 2354.0 | 8357. | 2353.1 | 5233. | 2351.2 |
| 7.090 | 13758. | 2364.9 | 9947. | 2363.0 | 8337. | 2362.2 | 5221. | 2360.3 |
| 7.280 | 13722. | 2378.7 | 9918. | 2376.7 | 8314. | 2375.7 | 5208. | 2373.4 |
| 7.410 | 13700. | 2383.3 | 9900. | 2381.7 | 8300. | 2380.9 | 5200. | 2379.3 |
| 7.410 | 13700. | 2386.5 | 9900. | 2383.5 | 8300. | 2382.3 | 5200. | 2380.6 |
| 7.580 | 11482. | 2391.8 | 8282. | 2390.2 | 6882. | 2389.4 | 4200. | 2387.6 |
| 7.990 | 11440. | 2417.7 | 8240. | 2416.0 | 6840. | 2415.0 | 4200. | 2412.6 |
| 8.200 | 11440. | 2441.2 | 8240. | 2439.2 | 6840. | 2438.2 | 4200. | 2436.0 |
| 8.350 | 11440. | 2454.7 | 8240. | 2452.4 | 6840. | 2451.2 | 4200. | 2448.7 |
| 8.390 | 7400. | 2456.4 | 5200. | 2454.3 | 4300. | 2453.3 | 2600. | 2451.2 |
| 8.390 | 7400. | 2460.3 | 5200. | 2456.3 | 4300. | 2455.0 | 2600. | 2452.9 |
| 8.530 | 7400. | 2464.3 | 5200. | 2462.0 | 4300. | 2461.1 | 2600. | 2459.1 |
| 8.760 | 7400. | 2475.0 | 5200. | 2473.8 | 4300. | 2473.1 | 2600. | 2471.6 |
| 8.940 | 7238. | 2488.1 | 5092. | 2486.7 | 4219. | 2486.2 | 2546. | 2484.8 |
| 8.940 | 7238. | 2491.8 | 5092. | 2488.9 | 4219. | 2488.1 | 2546. | 2486.4 |
| 9.100 | 7190. | 2500.3 | 5060. | 2499.1 | 4195. | 2498.5 | 2530. | 2496.9 |

| | | | | | | | | |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 9.220 | 7154. | 2509.4 | 5036. | 2507.8 | 4177. | 2507.1 | 2516. | 2505.6 |
| 9.320 | 7124. | 2514.5 | 5016. | 2513.0 | 4162. | 2512.4 | 2508. | 2510.8 |
| 9.330 | 7124. | 2515.3 | 5016. | 2513.7 | 4162. | 2513.0 | 2508. | 2511.4 |
| 9.430 | 7091. | 2521.5 | 4994. | 2520.1 | 4146. | 2519.5 | 2497. | 2518.1 |
| 9.670 | 7091. | 2556.2 | 4994. | 2554.5 | 4146. | 2553.8 | 2497. | 2552.2 |
| 9.670 | 7091. | 2562.5 | 4994. | 2561.9 | 4146. | 2561.5 | 2497. | 2560.3 |
| 9.820 | 7091. | 2576.0 | 4994. | 2575.1 | 4146. | 2574.6 | 2497. | 2573.6 |
| 9.940 | 7091. | 2591.3 | 4994. | 2590.3 | 4146. | 2589.9 | 2497. | 2588.8 |
| 10.050 | 6905. | 2601.6 | 4870. | 2600.4 | 4053. | 2599.8 | 2435. | 2598.2 |
| 10.050 | 6905. | 2604.5 | 4870. | 2602.6 | 4053. | 2601.7 | 2435. | 2599.7 |
| 10.360 | 6800. | 2639.7 | 4800. | 2638.3 | 4000. | 2637.8 | 2400. | 2636.5 |

| T1 | CHEROKEE INDIAN LANDS | | | | | | | | DSN=RAVENFK1 | 00001000 | |
|----------|-----------------------|--------|--------|--------|--------|--------|-------|--------|----------------|----------|----------|
| T2 | 10-YEAR FLOOD | | | | | | | | H011270 JHN | 00002000 | |
| T3 | RAVEN FORK | | | | | | | | FLOOD PROFILES | 00003000 | |
| J1 | 3 | | | | | | | | 2299.0 | 00004000 | |
| J2 | | | | | | | | | -1 | 00005000 | |
| J3 | 150 | 0 | 160 | | | | | | | 00006000 | |
| J6 | 1 | | | | | | | | | 00006100 | |
| NC | .12 | .10 | .055 | .1 | .5 | | | | | 00007000 | |
| QT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | | | 00008000 | |
| ET | | | | | | | | | | 00009000 | |
| X1 | 5.96 | 17 | 352 | 430 | 600 | 450 | 500 | | | 00010000 | |
| GR2344.8 | 0 | 2313.1 | 69 | 2305.3 | 97 | 2308.2 | 140 | 2309.2 | 189 | 00011000 | |
| GR2308.1 | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.8 | 352 | 00012000 | |
| GR2293.8 | 434 | 2295.1 | 434 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 | 00013000 | |
| GR2303.6 | 556 | 2333.2 | 601 | | | | | | | 00014000 | |
| NC | .12 | .06 | .055 | .1 | .5 | | | | | 00015000 | |
| QT | 6 | 2564 | 5285 | 8449 | 10092 | 13935 | 10092 | | | 00016000 | |
| ET | | | | | | | | | | 00017000 | |
| X1 | 6.14 | 25 | 370 | 456 | 900 | 730 | 840 | | | 00018000 | |
| GR2325.0 | 73 | 2315.6 | 109 | 2313.3 | 159 | 2313.6 | 206 | 2314.1 | 222 | 00019000 | |
| GR2313.3 | 255 | 2312.9 | 291 | 2312.0 | 305 | 2308.7 | 342 | 2305.5 | 366 | 00020000 | |
| GR2304.1 | 370 | 2301.7 | 377 | 2300.2 | 385 | 2299.8 | 409 | 2299.7 | 419 | 00021000 | |
| GR2299.3 | 430 | 2299.8 | 441 | 2301.6 | 449 | 2304.0 | 456 | 2308.5 | 460 | 00022000 | |
| GR2315.2 | 469 | 2316.3 | 476 | 2317.1 | 496 | 2316.2 | 502 | 2325.0 | 519 | 00023000 | |
| NH | 4 | .15 | .445 | .06 | .525 | .08 | .599 | .05 | .733 | 00024000 | |
| QT | 6 | 2558 | 5278 | 8436 | 10075 | 13914 | 10075 | | | 00025000 | |
| ET | | | | | | | | | | 00026000 | |
| X1 | 6.25 | 33 | 445 | 525 | 620 | 620 | 620 | | | 00027000 | |
| GR2330.0 | 9 | 2320.5 | 46 | 2318.7 | 71 | 2317.6 | 140 | 2317.2 | 176 | 00028000 | |
| GR2317.3 | 186 | 2317.3 | 238 | 2317.8 | 261 | 2319.2 | 322 | 2319.5 | 445 | 00029000 | |
| GR2314.0 | 452 | 2311.2 | 463 | 2308.3 | 466 | 2307.3 | 466 | 2306.4 | 472 | 00030000 | |
| GR2306.7 | 488 | 2306.4 | 498 | 2307.3 | 509 | 2308.5 | 519 | 2309.0 | 525 | 00031000 | |
| GR2310.9 | 553 | 2311.6 | 573 | 2313.6 | 586 | 2317.0 | 593 | 2317.9 | 599 | 00032000 | |
| GR2318.1 | 621 | 2316.9 | 627 | 2317.0 | 633 | 2316.0 | 636 | 2317.8 | 645 | 00033000 | |
| GR2319.3 | 662 | 2320.7 | 675 | 2330.0 | 733 | | | | | 00034000 | |
| NC | .15 | .07 | .05 | .3 | .8 | | | | | 00035000 | |
| QT | 6 | 2550 | 5267 | 8417 | 10051 | 13885 | 10051 | | | 00036000 | |
| ET | | | | | | | | | | 00037000 | |
| X1 | 6.41 | 29 | 250 | 335 | 740 | 740 | 740 | | | 00038000 | |
| GR2330.8 | 0 | 2326.8 | 106 | 2326.4 | 134 | 2325.6 | 165 | 2325.4 | 205 | 00039000 | |
| GR2324.0 | 210 | 2323.8 | 223 | 2318.9 | 230 | 2317.0 | 240 | 2316.0 | 250 | 00040000 | |
| GR2315.0 | 250 | 2313.2 | 255 | 2313.0 | 275 | 2312.5 | 296 | 2312.6 | 301 | 00041000 | |
| GR2312.4 | 312 | 2312.7 | 317 | 2314.0 | 325 | 2316.5 | 326 | 2318.2 | 335 | 00042000 | |
| GR2319.9 | 351 | 2322.9 | 364 | 2322.9 | 381 | 2321.9 | 389 | 2324.2 | 450 | 00043000 | |
| GR2325.3 | 475 | 2326.0 | 550 | 2323.0 | 582 | 2340.0 | 582 | | | 00044000 | |
| ET | | | | | | | | | | 00045000 | |
| X1 | 6.41 | | | 40 | 40 | 40 | | | | 00046000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 85.01 | .01 | 748 | 0 | 2314.0 | 2314.0 | 00047000 |
| ET | | | | | | | | | | 00048000 | |
| X1 | 6.41 | | | 30 | 30 | 30 | | | | 00049000 | |
| X2 | | | 1 | 2322.8 | 2324.4 | | | | | 00050000 | |
| BT | 18 | 0 | 2335.3 | 0 | 75 | 2330.3 | 0 | 135 | 2328.4 | 0 | 00051000 |
| RT | 190 | 2325.4 | 0 | 194 | 2324.3 | 0 | 197 | 2324.9 | 0 | 217 | 00052000 |
| RT2325.1 | 0 | 244 | 2325.6 | 0 | 245 | 2328.0 | 0 | 298 | 2328.4 | 00053000 | |

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| | | | | | | | | | | | |
|----------|------|--------|--------|--------|--------|--------|-------|--------|--------|-----|----------|
| BT | 0 | 335 | 2328.0 | 0 | 337 | 2325.7 | 0 | 379 | 2325.1 | 0 | 00054000 |
| BT | 384 | 2324.4 | 0 | 439 | 2326.3 | 0 | 537 | 2330.9 | 0 | 582 | 00055000 |
| BT2330.9 | 0 | 582 | 2340.0 | | | | | | | | 00056000 |
| ET | | | | | | | | | | | 00057000 |
| X1 | 6.41 | 23 | 250 | 335 | 10 | 10 | 10 | | | | 00058000 |
| GR2333.0 | 0 | 2331.6 | 45 | 2329.0 | 150 | 2326.1 | 200 | 2326.1 | 223 | | 00059000 |
| GR2316.5 | 250 | 2314.9 | 255 | 2313.6 | 262 | 2313.3 | 274 | 2314.0 | 283 | | 00060000 |
| GR2313.1 | 290 | 2313.0 | 300 | 2313.2 | 313 | 2313.8 | 320 | 2314.7 | 325 | | 00061000 |
| GR2316.5 | 326 | 2319.0 | 335 | 2326.4 | 361 | 2326.4 | 381 | 2328.4 | 461 | | 00062000 |
| GR2329.5 | 553 | 2330.5 | 582 | 2340.0 | 582 | | | | | | 00063000 |
| NC | | | .1 | .5 | | | | | | | 00063100 |
| NH | 5 | .15 | 238 | .18 | 264 | .05 | 341 | .15 | 378 | .07 | 00064000 |
| NH | 572 | | | | | | | | | | 00065000 |
| ET | | | | | | | | | | | 00066000 |
| X1 | 6.5 | 28 | 264 | 341 | 480 | 480 | 480 | | | | 00067000 |
| GR2340.0 | 3 | 2331.5 | 70 | 2329.6 | 120 | 2329.2 | 137 | 2329.1 | 150 | | 00068000 |
| GR2328.4 | 176 | 2328.0 | 220 | 2326.6 | 225 | 2326.4 | 238 | 2321.7 | 245 | | 00069000 |
| GR2320.0 | 252 | 2318.9 | 260 | 2317.1 | 266 | 2315.9 | 270 | 2315.3 | 307 | | 00070000 |
| GR2315.2 | 327 | 2315.8 | 334 | 2316.5 | 339 | 2319.3 | 341 | 2321.2 | 352 | | 00071000 |
| GR2322.7 | 367 | 2325.6 | 378 | 2325.6 | 396 | 2324.8 | 403 | 2327.1 | 470 | | 00072000 |
| GR2327.9 | 484 | 2328.5 | 530 | 2340.0 | 572 | | | | | | 00073000 |
| NH | 4 | .15 | 232 | .18 | 310 | .065 | 415 | .07 | 538 | | 00074000 |
| QT | 6 | 2541 | 5255 | 8396 | 10024 | 13851 | 10024 | | | | 00075000 |
| ET | | | | | | | | | | | 00076000 |
| X1 | 6.59 | 19 | 310 | 415 | 490 | 490 | 490 | | | | 00077000 |
| GR2350.0 | 36 | 2335.9 | 88 | 2334.2 | 105 | 2335.2 | 150 | 2335.9 | 200 | | 00078000 |
| GR2336.0 | 232 | 2334.5 | 252 | 2332.1 | 278 | 2329.2 | 297 | 2328.0 | 310 | | 00079000 |
| GR2325.5 | 314 | 2324.2 | 323 | 2323.0 | 339 | 2323.5 | 395 | 2325.6 | 408 | | 00080000 |
| GR2326.3 | 415 | 2328.4 | 434 | 2336.7 | 465 | 2350.0 | 538 | | | | 00081000 |
| NH | 4 | .15 | 250 | .18 | 328 | .065 | 430 | .07 | 453 | | 00082000 |
| ET | | | | | | | | | | | 00083000 |
| X1 | 6.66 | 20 | 328 | 430 | 370 | 370 | 370 | | | | 00084000 |
| GR2355.0 | 37 | 2337.0 | 106 | 2335.2 | 121 | 2336.6 | 189 | 2337.0 | 220 | | 00085000 |
| GR2337.1 | 250 | 2335.4 | 267 | 2332.8 | 300 | 2330.0 | 317 | 2329.1 | 328 | | 00086000 |
| GR2326.7 | 332 | 2326.2 | 334 | 2325.3 | 341 | 2325.0 | 345 | 2325.0 | 417 | | 00087000 |
| GR2326.8 | 428 | 2327.0 | 430 | 2329.4 | 453 | 2337.7 | 483 | 2355.0 | 578 | | 00088000 |
| NH | 4 | .20 | 178 | .06 | 294 | .06 | 325 | .08 | 476 | | 00089000 |
| QT | 6 | 2533 | 5243 | 8376 | 9998 | 13819 | 9998 | | | | 00090000 |
| ET | | | | | | | | | | | 00091000 |
| X1 | 6.76 | 20 | 178 | 294 | 600 | 600 | 600 | | | | 00092000 |
| GR2365.0 | 80 | 2349.7 | 120 | 2349.0 | 139 | 2343.3 | 161 | 2339.6 | 178 | | 00093000 |
| GR2337.4 | 181 | 2335.9 | 192 | 2335.9 | 201 | 2335.1 | 220 | 2334.2 | 260 | | 00094000 |
| GR2333.3 | 271 | 2336.0 | 281 | 2337.7 | 289 | 2340.3 | 294 | 2345.0 | 309 | | 00095000 |
| GR2349.3 | 319 | 2349.8 | 325 | 2349.8 | 421 | 2355.0 | 459 | 2365.0 | 476 | | 00096000 |
| X1 | 6.84 | | | 400 | 400 | 400 | | 6 | | | 00096100 |
| NH | 6 | .15 | 43 | .06 | 140 | .10 | 176 | .05 | 250 | .10 | 00097000 |
| NH | 384 | .08 | 600 | | | | | | | | 00098000 |
| QT | 6 | 2524 | 5233 | 8357 | 9973 | 13789 | 9973 | | | | 00099000 |
| ET | | | | | | | | | | | 00100000 |
| X1 | 6.92 | 22 | 43 | 140 | 480 | 320 | 480 | | | | 00101000 |
| GR2386.2 | 0 | 2352.5 | 43 | 2346.5 | 50 | 2345.2 | 50 | 2345.2 | 118 | | 00102000 |
| GR2346.5 | 118 | 2352.4 | 140 | 2353.2 | 159 | 2351.6 | 176 | 2345.2 | 184 | | 00103000 |
| GR2345.2 | 226 | 2354.0 | 250 | 2354.0 | 260 | 2354.0 | 265 | 2354.0 | 266 | | 00104000 |

| | | | | | | | | | | | |
|----------|------|--------|--------|--------|--------|--------|------|--------|--------|----------|----------|
| GR2354.0 | 384 | 2353.9 | 401 | 2353.9 | 494 | 2356.1 | 511 | 2356.1 | 530 | 00106000 | |
| GR2353.3 | 540 | 2382.7 | 600 | | | | | | | 00107000 | |
| NC | .15 | .07 | .06 | | | | | | | 00108000 | |
| QT | 6 | 2516 | 5221 | 8337 | 9947 | 13758 | 9947 | | | 00109000 | |
| ET | | | | | | | | | | 00110000 | |
| X1 | 7.09 | 19 | 125 | 189 | 840 | 640 | 840 | | | 00111000 | |
| GR2375.0 | 5 | 2363.4 | 43 | 2362.7 | 80 | 2361.4 | 91 | 2360.7 | 105 | 00112000 | |
| GR2355.5 | 125 | 2352.7 | 129 | 2352.7 | 141 | 2352.7 | 145 | 2352.7 | 165 | 00113000 | |
| GR2352.7 | 180 | 2360.0 | 189 | 2366.0 | 199 | 2366.0 | 211 | 2365.2 | 229 | 00114000 | |
| GR2363.6 | 235 | 2365.1 | 243 | 2367.5 | 248 | 2375.0 | 249 | | | 00115000 | |
| NC | .13 | .09 | .07 | | | | | | | 00116000 | |
| QT | 6 | 2507 | 5208 | 8314 | 9918 | 13722 | 9918 | | | 00117000 | |
| ET | | | | | | | | | | 00118000 | |
| X1 | 7.28 | 12 | 85 | 183 | 1040 | 1040 | 1040 | | | 00119000 | |
| GR2409.7 | 0 | 2376.9 | 70 | 2369.7 | 85 | 2366.4 | 91 | 2365.0 | 110 | 00120000 | |
| GR2365.0 | 137 | 2366.4 | 163 | 2370.9 | 183 | 2374.1 | 243 | 2378.2 | 277 | 00121000 | |
| GR2378.1 | 329 | 2400.0 | 365 | | | | | | | 00122000 | |
| NC | .10 | .10 | .055 | | | | | | | 00123000 | |
| QT | 6 | 2500 | 5200 | 8300 | 9900 | 13700 | 9900 | | | 00124000 | |
| ET | | | | | | | | | | 00125000 | |
| X1 | 7.41 | 31 | 136 | 249 | 640 | 520 | 640 | | | 00126000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 00127000 | |
| GR2384.7 | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 00128000 | |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.9 | 175 | 2372.8 | 181 | 2371.7 | 186 | 00129000 | |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 00130000 | |
| GR2375.2 | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.2 | 281 | 00131000 | |
| GR2380.4 | 290 | 2379.8 | 300 | 2376.9 | 312 | 2381.8 | 408 | 2395.0 | 420 | 00132000 | |
| GR2400.0 | 426 | | | | | | | | | 00133000 | |
| X1 | 7.41 | 28 | 112 | 250 | 40 | 40 | 40 | | | 00134000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.9 | 46 | 00135000 | |
| GR2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 00136000 | |
| GR2373.2 | 174 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 00137000 | |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 00138000 | |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 00139000 | |
| GR2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 00140000 | |
| X1 | 7.41 | 35 | 112 | 250 | 1 | 1 | 1 | | | 00141000 | |
| BT | 10 | 46 | 2384.8 | 0 | 110 | 2385.4 | 0 | 110 | 2387.5 | 0 | 00142000 |
| BT | 112 | 2387.5 | 0 | 112 | 2387.5 | 2382.4 | 250 | 2387.5 | 2382.4 | 250 | 00143000 |
| BT2387.5 | 0 | 252 | 2387.5 | 0 | 252 | 2385.3 | 0 | 272 | 2384.9 | 00144000 | |
| BT | 0 | | | | | | | | | 00145000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00146000 | |
| GR2385.4 | 110 | 2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 00147000 | |
| GR2382.4 | 151 | 2382.4 | 153 | 2374.8 | 153 | 2374.5 | 169 | 2373.2 | 174 | 00148000 | |
| GR2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 2382.4 | 211 | 00149000 | |
| GR2382.4 | 213 | 2373.8 | 213 | 2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 00150000 | |
| GR2378.1 | 242 | 2378.2 | 250 | 2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 00151000 | |
| GR2381.3 | 351 | 2381.3 | 368 | 2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | 00152000 | |
| X1 | 7.41 | | | 30 | 30 | 30 | | | | 00153000 | |
| X2 | | | | | | | 1 | | | 00154000 | |
| NC | .10 | .10 | .045 | | | | | | | 00155000 | |
| X1 | 7.41 | 28 | 112 | 250 | 1 | 1 | 1 | | | 00156000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00157000 | |
| GR2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 00158000 | |

| | | | | | | | | | | |
|----------|------|--------|------|--------|--------|--------|------|--------|--------|----------|
| GR2373.2 | 174 | 2372.3 | 100 | 2372.7 | 100 | 2372.3 | 200 | 2373.3 | 211 | 00159000 |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 00160000 |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 00161000 |
| GR2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 00162000 |
| X1 7.41 | 31 | 136 | 249 | 10 | 10 | 10 | | | | 00163000 |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 00164000 |
| GR2384.7 | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 00165000 |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 00166000 |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 00167000 |
| GR2375.2 | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.4 | 280 | 00168000 |
| GR2381.3 | 350 | 2381.3 | 368 | 2380.7 | 389 | 2380.7 | 397 | 2395.0 | 420 | 00169000 |
| GR2400.0 | 426 | | | | | | | | | 00170000 |
| NC .15 | .13 | .06 | | | | | | | | 00171000 |
| QT 6 | 2082 | 4200 | 6882 | 8282 | 11482 | 8282 | | | | 00172000 |
| ET | | | | | | | | | | 00173000 |
| X1 7.58 | 16 | 53 | 206 | 890 | 890 | 890 | | | | 00174000 |
| GR2420.4 | 0 | 2392.0 | 53 | 2386.1 | 74 | 2383.0 | 88 | 2382.0 | 105 | 00175000 |
| GR2382.0 | 155 | 2382.9 | 174 | 2391.1 | 206 | 2391.1 | 216 | 2389.3 | 231 | 00176000 |
| GR2389.4 | 310 | 2392.6 | 328 | 2392.6 | 350 | 2392.5 | 351 | 2393.1 | 486 | 00177000 |
| GR2424.1 | 558 | | | | | | | | | 00178000 |
| NC .13 | .12 | .06 | | | | | | | | 00179000 |
| QT 6 | 2040 | 4200 | 6840 | 8240 | 11440 | 8240 | | | | 00180000 |
| ET | | | | | | | | | | 00181000 |
| X1 7.99 | 14 | 32 | 125 | 2200 | 2320 | 2200 | | | | 00182000 |
| GR2400.0 | 0 | 2418.9 | 32 | 2406.7 | 45 | 2403.8 | 53 | 2403.8 | 89 | 00183000 |
| GR2406.0 | 95 | 2406.8 | 95 | 2417.4 | 125 | 2422.0 | 228 | 2422.0 | 250 | 00184000 |
| GR2419.1 | 267 | 2432.1 | 307 | 2445.2 | 367 | 2459.7 | 418 | | | 00185000 |
| NC .15 | .12 | .075 | | | | | | | | 00186000 |
| ET | | | | | | | | | | 00187000 |
| X1 8.20 | 19 | 71 | 116 | 1090 | 1090 | 1090 | -8.4 | | | 00188000 |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 00189000 |
| GR2437.5 | 86 | 2434.4 | 96 | 2435.0 | 106 | 2441.3 | 116 | 2441.5 | 125 | 00190000 |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 00191000 |
| GR2457.7 | 194 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 00192000 |
| NC .15 | .12 | .065 | | | | | | | | 00192100 |
| X1 8.35 | 19 | 71 | 116 | 770 | 770 | 770 | | | | 00193000 |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 00193100 |
| GR2440.0 | 78 | 2440.0 | 96 | 2440.0 | 114 | 2441.3 | 116 | 2441.5 | 125 | 00193200 |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 00193300 |
| GR2457.7 | 194 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 00193400 |
| QT 6 | 1200 | 2600 | 4300 | 5200 | 7400 | 5200 | | | | 00194000 |
| ET | | | | | | | | | | 00195000 |
| X1 8.39 | 12 | 75 | 130 | 240 | 110 | 160 | | | | 00196000 |
| GR2469.5 | 0 | 2461.0 | 22 | 2460.2 | 55 | 2451.0 | 75 | 2446.0 | 86 | 00197000 |
| GR2444.4 | 90 | 2444.4 | 95 | 2444.5 | 103 | 2445.6 | 113 | 2450.3 | 130 | 00198000 |
| GR2457.3 | 157 | 2475.0 | 181 | | | | | | | 00199000 |
| ET | | | | | | | | | | 00200000 |
| X1 8.39 | | | 40 | | 40 | 40 | | | | 00201000 |
| SB 1.25 | 1.6 | 3 | 0 | 45.8 | 3 | 574 | 1.46 | 2445.5 | 2445.5 | 00202000 |
| ET | | | | | | | | | | 00203000 |
| X1 8.39 | | | 30 | | 30 | 30 | | | | 00204000 |
| X2 | | | 1 | 2455.5 | 2459.0 | | | | | 00205000 |

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|----------|------|--------|--------|--------|--------|--------|-------|--------|--------|----------|----------|
| BT | 11 | 0 | 2472.0 | 0 | 5 | 2467.5 | 0 | 22 | 2461.0 | 0 | 00206000 |
| BT | 55 | 2460.2 | 0 | 57 | 2459.0 | 0 | 75 | 2459.0 | 0 | 75 | 00207000 |
| BT2461.0 | 0 | 80 | 2461.3 | 0 | 160 | 2461.3 | 0 | 162 | 2461.1 | 00208000 | |
| BT | 0 | 181 | 2475.0 | 0 | | | | | | 00209000 | |
| NC | .15 | .12 | .055 | | | | | | | 00210000 | |
| ET | | | | | | | | | | 00211000 | |
| X1 | 8.39 | | | 10 | 10 | 10 | | | | 00212000 | |
| NH | 4 | .12 | 220 | .06 | 288 | .08 | 480 | .20 | 753 | 00213000 | |
| X1 | 8.53 | 19 | 220 | 288 | 680 | 800 | 680 | | | 00215000 | |
| GR2513.5 | 0 | 2477.3 | 60 | 2469.2 | 80 | 2470.6 | 94 | 2470.6 | 115 | 00216000 | |
| GR2462.7 | 156 | 2457.6 | 220 | 2455.0 | 229 | 2452.5 | 230 | 2452.5 | 273 | 00217000 | |
| GR2455.0 | 273 | 2463.0 | 288 | 2464.9 | 318 | 2463.4 | 387 | 2463.4 | 448 | 00218000 | |
| GR2464.7 | 480 | 2464.7 | 661 | 2490.3 | 729 | 2513.4 | 753 | | | 00219000 | |
| NC | .10 | .13 | .060 | | | | | | | 00220000 | |
| ET | | | | | | | | | | 00222000 | |
| X1 | 8.76 | 24 | 726 | 860 | 1240 | 1080 | 1160 | | | 00223000 | |
| GR2512.8 | 0 | 2504.9 | 147 | 2492.5 | 297 | 2490.2 | 310 | 2490.2 | 323 | 00224000 | |
| GR2486.9 | 358 | 2480.1 | 453 | 2478.2 | 500 | 2479.5 | 595 | 2476.2 | 631 | 00225000 | |
| GR2477.5 | 641 | 2477.5 | 662 | 2475.3 | 695 | 2475.6 | 726 | 2468.0 | 756 | 00226000 | |
| GR2466.8 | 775 | 2466.8 | 825 | 2468.0 | 843 | 2472.0 | 860 | 2478.5 | 888 | 00227000 | |
| GR2482.0 | 934 | 2482.0 | 948 | 2490.1 | 971 | 2505.4 | 1016 | | | 00228000 | |
| NC | .10 | .10 | .055 | | | | | | | 00229000 | |
| QT | 6 | 1173 | 2546 | 4219 | 5092 | 7238 | 5092 | | | 00230000 | |
| ET | | | | | | | | | | 00231000 | |
| X1 | 8.94 | 18 | 195 | 285 | 760 | 1000 | 880 | | | 00232000 | |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 00233000 | |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 00234000 | |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 00235000 | |
| GR2488.9 | 331 | 2489.6 | 450 | 2501.0 | 494 | | | | | 00236000 | |
| X1 | 8.94 | | | 40 | 40 | 40 | | | | 00237000 | |
| ET | | | | | | | | | | 00238000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 51.6 | 4 | 729.3 | 1.7 | 2480.5 | 2480.5 | 00239000 |
| X1 | 8.94 | 20 | 195 | 285 | 30 | 30 | 30 | | | 00240000 | |
| X2 | | | 1 | 2491.5 | 2492.0 | | | | | 00241000 | |
| BT | 12 | 0 | 2505.0 | 0 | 0 | 2494.4 | 0 | 95 | 2492.5 | 0 | 00242000 |
| BT | 141 | 2492.0 | 0 | 197 | 2493.7 | 0 | 197 | 2495.5 | 0 | 285 | 00243000 |
| BT2495.5 | 0 | 285 | 2493.7 | 0 | 300 | 2493.6 | 0 | 400 | 2493.4 | 00244000 | |
| BT | 0 | 500 | 2493.6 | 0 | 526 | 2501.0 | 0 | | | 00245000 | |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 00246000 | |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 00247000 | |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 00248000 | |
| GR2488.9 | 331 | 2492.0 | 370 | 2492.0 | 405 | 2493.6 | 500 | 2501.0 | 526 | 00249000 | |
| ET | | | | | | | | | | 00250000 | |
| X1 | 8.94 | | | 10 | 10 | 10 | | | | 00251000 | |
| NC | .10 | .07 | .055 | | | | | | | 00252000 | |
| QT | 6 | 1165 | 2530 | 4195 | 5060 | 7190 | 5060 | | | 00253000 | |
| ET | | | | | | | | | | 00254000 | |
| X1 | 9.10 | 19 | 130 | 210 | 840 | 800 | 840 | | | 00255000 | |
| GR2538.5 | 0 | 2512.2 | 49 | 2512.2 | 86 | 2502.6 | 118 | 2497.5 | 130 | 00256000 | |
| GR2493.4 | 139 | 2492.2 | 155 | 2492.2 | 180 | 2493.4 | 193 | 2497.5 | 210 | 00257000 | |
| GR2501.4 | 227 | 2501.8 | 241 | 2501.8 | 260 | 2505.5 | 284 | 2535.5 | 441 | 00258000 | |
| GR2508.8 | 472 | 2512.6 | 637 | 2520.3 | 785 | 2528.0 | 884 | | | 00259000 | |

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|----------|------|--------|------|--------|------|--------|------|--------|------|----------|
| NC | .12 | .12 | .065 | | | | | | | 00260000 |
| QT | 6 | 1159 | 2518 | 4177 | 5036 | 7154 | 5036 | | | 00261000 |
| ET | | | | | | | | | | 00262000 |
| X1 | 9.22 | 12 | 250 | 323 | 640 | 640 | 640 | | | 00263000 |
| GR2516.7 | 150 | 2512.9 | 169 | 2509.7 | 189 | 2503.9 | 203 | 2502.3 | 250 | 00264000 |
| GR2500.1 | 272 | 2500.7 | 322 | 2501.0 | 323 | 2508.9 | 337 | 2511.0 | 425 | 00265000 |
| GR2512.3 | 537 | 2515.5 | 560 | | | | | | | 00266000 |
| NC | .12 | .12 | .065 | | | | | | | 00267000 |
| QT | 6 | 1154 | 2508 | 4162 | 5016 | 7124 | 5016 | | | 00268000 |
| ET | | | | | | | | | | 00269000 |
| X1 | 9.32 | 19 | 221 | 295 | 560 | 640 | 550 | | | 00270000 |
| GR2522.9 | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 00271000 |
| GR2511.0 | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 00272000 |
| GR2505.7 | 266 | 2506.0 | 295 | 2509.1 | 306 | 2520.6 | 324 | 2524.0 | 400 | 00273000 |
| GR2520.1 | 495 | 2524.0 | 550 | 2527.0 | 629 | 2530.0 | 690 | | | 00274000 |
| ET | | | | | | | | | | 00276000 |
| X1 | 9.33 | 18 | 221 | 295 | 50 | 50 | 50 | | | 00277000 |
| GR2522.9 | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 00278000 |
| GR2511.0 | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 00279000 |
| GR2505.7 | 266 | 2506.0 | 295 | 2509.1 | 306 | 2524.0 | 400 | 2520.1 | 495 | 00280000 |
| GR2524.0 | 550 | 2527.0 | 629 | 2530.0 | 690 | | | | | 00281000 |
| NC | .15 | .12 | .065 | | | | | | | 00282000 |
| QT | 6 | 1149 | 2497 | 4146 | 4994 | 7091 | 4994 | | | 00283000 |
| ET | | | | | | | | | | 00284000 |
| X1 | 9.43 | 20 | 272 | 355 | 530 | 530 | 530 | | | 00285000 |
| GR2529.4 | 30 | 2529.4 | 40 | 2526.3 | 55 | 2526.5 | 155 | 2522.2 | 174 | 00286000 |
| GR2521.3 | 225 | 2527.9 | 231 | 2530.0 | 250 | 2514.3 | 272 | 2513.3 | 274 | 00287000 |
| GR2513.7 | 300 | 2515.6 | 355 | 2528.9 | 371 | 2528.3 | 439 | 2527.6 | 446 | 00288000 |
| GR2530.9 | 454 | 2534.6 | 545 | 2535.2 | 640 | 2533.2 | 734 | 2535.1 | 747 | 00289000 |
| ET | | | | | | | | | | 00291000 |
| X1 | 9.67 | 25 | 548 | 605 | 1160 | 1160 | 1160 | | | 00292000 |
| GR2595.2 | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 00293000 |
| GR2557.8 | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2552.2 | 548 | 00294000 |
| GR2548.0 | 549 | 2546.0 | 600 | 2552.5 | 605 | 2562.4 | 615 | 2564.4 | 626 | 00295000 |
| GR2562.7 | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 00296000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 00297000 |
| ET | | | | | | | | | | 00298000 |
| X1 | 9.67 | 25 | 510 | 610 | 30 | 30 | 30 | | | 00299000 |
| GR2595.2 | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 00300000 |
| GR2557.8 | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2556.7 | 510 | 00301000 |
| GR2556.4 | 511 | 2556.4 | 609 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 00302000 |
| GR2562.7 | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 00303000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 00304000 |
| ET | | | | | | | | | | 00305000 |
| X1 | 9.67 | 25 | 525 | 610 | 30 | 30 | 30 | | | 00306000 |
| GR2595.2 | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 00307000 |
| GR2557.8 | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2554.7 | 525 | 00308000 |
| GR2554.0 | 530 | 2554.0 | 607 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 00309000 |
| GR2562.7 | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 00310000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 00311000 |
| NC | .15 | .12 | .065 | | | | | | | 00312000 |
| ET | | | | | | | | | | 00314000 |

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|----------|------|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|
| X1 | 9.82 | 18 | 300 | 380 | 740 | 740 | 740 | | 00315000 | | |
| GR2578.4 | | 38 | 2578.3 | 49 | 2572.0 | 66 | 2572.0 | 122 | 2574.0 | 127 | 00316000 |
| GR2573.9 | | 175 | 2576.9 | 202 | 2577.1 | 264 | 2573.0 | 287 | 2573.8 | 300 | 00317000 |
| GR2570.0 | | 309 | 2569.6 | 320 | 2569.6 | 359 | 2573.8 | 380 | 2577.6 | 423 | 00318000 |
| GR2577.2 | | 440 | 2579.0 | 453 | 2579.3 | 465 | | | | | 00319000 |

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|----------|------|-----|--------|-----|--------|-----|--------|-----|--------|-----|----------|
| NC | .15 | .15 | .065 | | | | | | | | 00320000 |
| ET | | | | | | | | | | | 00322000 |
| X1 | 9.94 | 14 | 265 | 340 | 630 | 630 | 630 | | | | 00323000 |
| GR2595.9 | | 50 | 2595.9 | 61 | 2591.5 | 81 | 2587.0 | 95 | 2587.0 | 120 | 00324000 |
| GR2586.9 | | 128 | 2588.5 | 204 | 2586.4 | 218 | 2588.3 | 225 | 2588.9 | 265 | 00325000 |
| GR2584.0 | | 300 | 2583.7 | 340 | 2591.1 | 360 | 2595.0 | 375 | | | 00326000 |

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|----------|-------|------|--------|------|--------|------|--------|-----|--------|-----|----------|
| QT | 6 | 1118 | 2435 | 4053 | 4870 | 6905 | 4870 | | | | 00327000 |
| ET | | | | | | | | | | | 00328000 |
| X1 | 10.05 | 13 | 145 | 209 | 530 | 530 | 530 | | | | 00329000 |
| GR2616.4 | | 60 | 2612.2 | 86 | 2612.2 | 99 | 2600.4 | 140 | 2597.2 | 145 | 00330000 |
| GR2592.9 | | 151 | 2591.2 | 161 | 2591.2 | 175 | 2599.1 | 209 | 2604.2 | 274 | 00331000 |
| GR2606.0 | | 376 | 2609.2 | 464 | 2612.4 | 565 | | | | | 00332000 |

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|----|-------|--|--|--|----|----|----|--|--|--|----------|
| X1 | 10.05 | | | | 40 | 40 | 40 | | | | 00333000 |
|----|-------|--|--|--|----|----|----|--|--|--|----------|

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|----------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| SH | 1.25 | 1.6 | 3 | 0 | 55.9 | 8 | 755.4 | 1.25 | 2591.2 | 2591.2 | 00334000 |
| X1 | 10.05 | | | | 30 | 30 | 30 | | | | 00335000 |
| X2 | | | 1 | 2603.2 | 2605.7 | | | | | | 00336000 |
| BT | 12 | 60 | 2616.4 | 0 | 86 | 2612.2 | 0 | 99 | 2612.2 | 0 | 00337000 |
| BT | 120 | 2606.0 | 0 | 135 | 2605.7 | 0 | 135 | 2607.2 | 0 | 219 | 00338000 |
| BT2607.9 | | 0 | 219 | 2606.1 | 0 | 235 | 2606.4 | 0 | 290 | 2606.9 | 00339000 |
| BT | 0 | 407 | 2607.2 | 0 | 565 | 2612.4 | 0 | | | | 00340000 |

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|----|-------|--|--|--|----|----|----|--|--|--|----------|
| X1 | 10.05 | | | | 10 | 10 | 10 | | | | 00341000 |
|----|-------|--|--|--|----|----|----|--|--|--|----------|

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|----------|-------|------|--------|------|--------|------|--------|-----|--------|-----|----------|
| QT | 6 | 1100 | 2400 | 4000 | 4800 | 6800 | 4800 | | | | 00342000 |
| ET | | | | | | | | | | | 00343000 |
| X1 | 10.36 | 24 | 509 | 579 | 1640 | 1640 | 1640 | | | | 00344000 |
| GR2690.1 | | 0 | 2657.3 | 52 | 2644.4 | 137 | 2642.4 | 170 | 2639.0 | 231 | 00345000 |
| GR2642.0 | | 401 | 2645.1 | 457 | 2645.0 | 470 | 2644.9 | 482 | 2634.0 | 509 | 00346000 |
| GR2632.4 | | 509 | 2632.4 | 544 | 2634.2 | 544 | 2635.4 | 547 | 2635.4 | 558 | 00347000 |
| GR2634.2 | | 560 | 2632.3 | 560 | 2632.3 | 579 | 2634.2 | 579 | 2642.3 | 606 | 00348000 |
| GR2652.7 | | 638 | 2653.8 | 782 | 2661.0 | 822 | 2695.1 | 888 | | | 00349000 |
| FJ | | | | | | | | | | | 00350000 |

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|----|---|-----------------------|----|--|--|----------------|--------|--|--|--|----------|
| T1 | | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFK1 | | | | | 00356000 |
| T2 | | 50-YEAR FLOOD | | | | H011270 JHN | | | | | 00357000 |
| T3 | | RAVEN FORK | | | | FLOOD PROFILES | | | | | 00358000 |
| J1 | | 4 | | | | | 2301.1 | | | | 00359000 |
| J2 | 2 | | -1 | | | | | | | | 00360000 |

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|----|---|-----------------------|----|--|--|----------------|--------|--|--|--|----------|
| T1 | | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFK1 | | | | | 00361000 |
| T2 | | 100-YEAR FLOOD | | | | H011270 JHN | | | | | 00362000 |
| T3 | | RAVEN FORK | | | | FLOOD PROFILES | | | | | 00363000 |
| J1 | | 5 | | | | | 2302.1 | | | | 00364000 |
| J2 | 3 | | -1 | | | | | | | | 00365000 |

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|----|----|-----------------------|----|--|--|----------------|--------|--|--|--|----------|
| T1 | | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFK1 | | | | | 00366000 |
| T2 | | 500-YEAR FLOOD | | | | H011270 JHN | | | | | 00367000 |
| T3 | | RAVEN FORK | | | | FLOOD PROFILES | | | | | 00368000 |
| J1 | | 6 | | | | | 2303.6 | | | | 00369000 |
| J2 | 15 | | -1 | | | | | | | | 00370000 |
| | | | | | | | | | | | 00371000 |

PRINTED IN U.S.A.

00372000
00373000
00374000

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PRINTED IN U.S.A.

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|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 00001000 |
| T2 | 10-YEAR FLOOD | H011270 JHN | 00002000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00003000 |
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 00356000 |
| T2 | 50-YEAR FLOOD | H011270 JHN | 00357000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00358000 |
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 00361000 |
| T2 | 100-YEAR FLOOD | H011270 JHN | 00362000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00363000 |
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 00366000 |
| T2 | 500-YEAR FLOOD | H011270 JHN | 00367000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00368000 |

INPUT CARD LISTING

| | | | | | | | | | | | |
|----------|-----------------------|--------|--------|--------|-------------------|--------|-------|--------|--------|--------|-------|
| T1 | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFW1 | | | | 1000 | | |
| T2 | 100-YEAR FLOOD | | | | H011270 JHN | | | | 2000 | | |
| T3 | RAVEN FORK | | | | 100-YEAR FLOODWAY | | | | 3000 | | |
| J1 | 5 | | | | 2302.1 | | | | 4000 | | |
| J2 | -1 | | | | | | | | 5000 | | |
| J3 | 110 | 0 | 200 | | | | | | 6000 | | |
| J6 | 1 | | | | | | | | 6100 | | |
| NC | .12 | .10 | .055 | .1 | .5 | | | | 7000 | | |
| QT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | | 8000 | | |
| ET | | | | | 8.11 | 340 | 445 | | 9000 | | |
| X1 | 5.06 | 17 | 352 | 434 | 600 | 450 | 500 | | 10000 | | |
| GR2344.8 | 0 | 2313.1 | 69 | 2308.3 | 97 | 2308.2 | 140 | 2309.2 | 189 | 11000 | |
| GR2308.1 | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.8 | 352 | 12000 | |
| GR2293.8 | 434 | 2295.1 | 434 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 | 13000 | |
| GR2303.6 | 556 | 2333.2 | 601 | | | | | | | 14000 | |
| NC | .12 | .06 | .055 | .1 | .5 | | | | 15000 | | |
| QT | 6 | 2564 | 5285 | 8449 | 10092 | 13935 | 10092 | | 16000 | | |
| ET | | | | | 8.11 | 360 | 465 | | 17000 | | |
| X1 | 6.14 | 25 | 370 | 456 | 900 | 730 | 840 | | 18000 | | |
| GR2325.0 | 73 | 2315.6 | 109 | 2313.3 | 159 | 2313.6 | 206 | 2314.1 | 222 | 19000 | |
| GR2313.3 | 255 | 2312.9 | 291 | 2312.0 | 305 | 2308.7 | 342 | 2305.5 | 366 | 20000 | |
| GR2304.1 | 370 | 2301.7 | 377 | 2300.2 | 385 | 2299.8 | 409 | 2299.7 | 419 | 21000 | |
| GR2299.3 | 430 | 2299.8 | 441 | 2301.6 | 449 | 2304.0 | 456 | 2208.5 | 460 | 22000 | |
| GR2315.2 | 469 | 2316.3 | 476 | 2317.1 | 496 | 2316.2 | 502 | 2325.0 | 519 | 23000 | |
| NH | 4 | .15 | 445 | .06 | 525 | .08 | 599 | .05 | 733 | 24000 | |
| QT | 6 | 2558 | 5278 | 8436 | 10075 | 13914 | 10075 | | 25000 | | |
| ET | | | | | 8.11 | 435 | 565 | | 26000 | | |
| X1 | 6.25 | 33 | 445 | 525 | 620 | 620 | 620 | | 27000 | | |
| GR2330.0 | 9 | 2320.5 | 46 | 2318.7 | 71 | 2317.6 | 140 | 2317.2 | 176 | 28000 | |
| GR2317.3 | 186 | 2317.3 | 238 | 2317.8 | 261 | 2319.2 | 322 | 2319.5 | 445 | 29000 | |
| GR2314.0 | 452 | 2311.2 | 463 | 2308.3 | 466 | 2307.3 | 466 | 2306.4 | 472 | 30000 | |
| GR2306.7 | 488 | 2306.4 | 498 | 2307.3 | 509 | 2308.5 | 519 | 2309.0 | 525 | 31000 | |
| GR2310.9 | 553 | 2311.6 | 573 | 2313.6 | 586 | 2317.0 | 593 | 2317.9 | 599 | 32000 | |
| GR2318.1 | 621 | 2316.9 | 627 | 2317.0 | 633 | 2316.0 | 636 | 2317.8 | 645 | 33000 | |
| GR2319.3 | 662 | 2320.7 | 675 | 2330.0 | 733 | | | | 34000 | | |
| NC | .15 | .07 | .05 | .3 | .8 | | | | 35000 | | |
| QT | 6 | 2550 | 5267 | 8417 | 10051 | 13885 | 10051 | | 36000 | | |
| ET | | | | | 8.11 | 240 | 345 | | 37000 | | |
| X1 | 6.41 | 29 | 250 | 335 | 740 | 740 | 740 | | 38000 | | |
| GR2330.8 | 0 | 2326.8 | 106 | 2326.4 | 134 | 2325.6 | 165 | 2325.4 | 205 | 39000 | |
| GR2324.0 | 210 | 2323.8 | 223 | 2318.9 | 230 | 2317.0 | 240 | 2316.0 | 250 | 40000 | |
| GR2315.0 | 250 | 2313.2 | 255 | 2313.0 | 275 | 2312.5 | 296 | 2312.6 | 301 | 41000 | |
| GR2312.4 | 312 | 2312.7 | 317 | 2314.0 | 325 | 2316.5 | 326 | 2318.2 | 335 | 42000 | |
| GR2319.9 | 351 | 2322.9 | 364 | 2322.9 | 381 | 2321.9 | 389 | 2324.2 | 450 | 43000 | |
| GR2325.3 | 475 | 2326.0 | 550 | 2328.0 | 582 | 2340.0 | 582 | | | 44000 | |
| ET | | | | | 8.11 | 240 | 345 | | 45000 | | |
| X1 | 6.41 | | | 40 | 40 | 40 | | | | 46000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 85.01 | .01 | 748 | 0 | 2314.0 | 2314.0 | 47000 |
| ET | | | | | 8.11 | 240 | 345 | | 48000 | | |
| X1 | 6.41 | | | 30 | 30 | 30 | | | | 49000 | |
| X2 | | | 1 | 2322.8 | 2324.4 | | | | | 50000 | |
| BT | 18 | 0 | 2335.3 | 0 | 75 | 2330.3 | 0 | 135 | 2328.4 | 0 | 51000 |
| BT | 190 | 2325.4 | 0 | 194 | 2324.3 | 0 | 197 | 2324.9 | 0 | 217 | 52000 |
| BT2325.1 | 0 | 244 | 2325.6 | 0 | 245 | 2328.0 | 0 | 298 | 2328.4 | 53000 | |
| BT | 0 | 335 | 2328.0 | 0 | 337 | 2325.7 | 0 | 379 | 2325.1 | 0 | 54000 |
| BT | 384 | 2324.4 | 0 | 439 | 2326.3 | 0 | 537 | 2330.9 | 0 | 582 | 55000 |

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|----------|------|--------|--------|--------|-------|--------|-----|--------|-----|--------|
| BT2330.9 | 0 | 582 | 2340.0 | | | | | | | 56000 |
| ET | | | | | 8.11 | 240 | 345 | | | 57000 |
| X1 6.41 | 23 | 250 | 335 | 10 | 10 | 10 | | | | 58000 |
| GR2333.0 | 0 | 2331.6 | 45 | 2329.0 | 150 | 2326.1 | 200 | 2326.1 | 223 | 59000 |
| GR2316.5 | 250 | 2314.9 | 255 | 2313.6 | 262 | 2313.3 | 274 | 2314.0 | 283 | 60000 |
| GR2313.1 | 290 | 2313.0 | 300 | 2313.2 | 313 | 2313.8 | 320 | 2314.7 | 325 | 61000 |
| GR2316.5 | 326 | 2319.0 | 335 | 2326.4 | 361 | 2326.4 | 381 | 2328.4 | 461 | 62000 |
| GR2329.5 | 553 | 2330.5 | 582 | 2340.0 | 582 | | | | | 63000 |
| NC | | | .1 | .5 | | | | | | 63100 |
| NH 5 | .15 | 238 | .18 | 264 | .05 | 341 | .15 | 378 | .07 | 64000 |
| NH 572 | | | | | | | | | | 65000 |
| ET | | | | | 8.11 | 230 | 350 | | | 66000 |
| X1 6.5 | 28 | 264 | 341 | 480 | 480 | 480 | | | | 67000 |
| GR2340.0 | 3 | 2331.5 | 70 | 2329.6 | 120 | 2329.2 | 137 | 2329.1 | 150 | 68000 |
| GR2328.4 | 176 | 2328.0 | 220 | 2326.6 | 225 | 2326.4 | 238 | 2321.7 | 245 | 69000 |
| GR2320.0 | 252 | 2318.9 | 264 | 2317.1 | 266 | 2315.9 | 270 | 2315.3 | 307 | 70000 |
| GR2315.2 | 327 | 2315.8 | 334 | 2316.5 | 339 | 2319.3 | 341 | 2321.2 | 352 | 71000 |
| GR2322.7 | 367 | 2325.6 | 378 | 2325.6 | 396 | 2324.8 | 403 | 2327.1 | 470 | 72000 |
| GR2327.9 | 484 | 2328.5 | 530 | 2340.0 | 572 | | | | | 73000 |
| NH 4 | .15 | 232 | .18 | 310 | .065 | 415 | .07 | 538 | | 74000 |
| QT 6 | 2541 | 5255 | 8396 | 10024 | 13851 | 10024 | | | | 75000 |
| ET | | | | | 8.11 | 300 | 425 | | | 76000 |
| X1 6.59 | 19 | 310 | 415 | 490 | 490 | 490 | | | | 77000 |
| GR2350.0 | 36 | 2335.9 | 88 | 2334.2 | 105 | 2335.2 | 150 | 2335.9 | 200 | 78000 |
| GR2336.0 | 232 | 2334.5 | 252 | 2332.1 | 278 | 2329.2 | 297 | 2328.0 | 310 | 79000 |
| GR2325.5 | 314 | 2324.2 | 323 | 2323.0 | 339 | 2323.5 | 395 | 2325.6 | 408 | 80000 |
| GR2326.3 | 415 | 2328.4 | 434 | 2336.7 | 465 | 2350.0 | 538 | | | 81000 |
| NH 4 | .15 | 250 | .18 | 328 | .065 | 430 | .07 | 453 | | 82000 |
| ET | | | | | 8.11 | 320 | 440 | | | 83000 |
| X1 6.66 | 20 | 328 | 430 | 370 | 370 | 370 | | | | 84000 |
| GR2355.0 | 37 | 2337.0 | 106 | 2335.2 | 121 | 2336.6 | 189 | 2337.0 | 220 | 85000 |
| GR2337.1 | 250 | 2335.4 | 267 | 2332.8 | 300 | 2330.0 | 317 | 2329.1 | 328 | 86000 |
| GR2326.7 | 332 | 2326.2 | 334 | 2325.3 | 341 | 2325.0 | 345 | 2325.0 | 417 | 87000 |
| GR2326.8 | 428 | 2327.0 | 430 | 2329.4 | 453 | 2337.7 | 483 | 2355.0 | 578 | 88000 |
| NH 4 | .20 | 178 | .06 | 294 | .06 | 325 | .08 | 476 | | 89000 |
| QT 6 | 2533 | 5243 | 8376 | 9998 | 13819 | 9998 | | | | 90000 |
| ET | | | | | 8.11 | 170 | 305 | | | 91000 |
| X1 6.76 | 20 | 178 | 294 | 600 | 600 | 600 | | | | 92000 |
| GR2365.0 | 80 | 2349.7 | 120 | 2349.0 | 139 | 2343.3 | 161 | 2339.6 | 178 | 93000 |
| GR2337.4 | 181 | 2335.9 | 192 | 2335.9 | 201 | 2335.1 | 220 | 2334.2 | 260 | 94000 |
| GR2333.3 | 271 | 2336.0 | 281 | 2337.7 | 289 | 2340.3 | 294 | 2345.0 | 309 | 95000 |
| GR2349.3 | 319 | 2349.8 | 325 | 2349.8 | 421 | 2355.0 | 459 | 2365.0 | 476 | 96000 |
| ET | | | | | 8.11 | 170 | 305 | | | 96010 |
| X1 6.84 | | | | 400 | 400 | 400 | | 6 | | 96100 |
| NH 6 | .15 | 43 | .06 | 140 | .10 | 176 | .05 | 250 | .10 | 97000 |
| NH 384 | .08 | 600 | | | | | | | | 98000 |
| QT 6 | 2524 | 5233 | 8357 | 9973 | 13789 | 9973 | | | | 99000 |
| ET | | | | | 8.11 | 35 | 305 | | | 100000 |
| X1 6.92 | 22 | 43 | 140 | 480 | 320 | 480 | | | | 101000 |
| GR2386.2 | 0 | 2352.5 | 43 | 2346.5 | 50 | 2345.2 | 50 | 2345.2 | 118 | 102000 |
| GR2346.5 | 118 | 2352.4 | 140 | 2353.2 | 159 | 2351.6 | 176 | 2345.2 | 184 | 103000 |
| GR2345.2 | 226 | 2354.0 | 250 | 2354.0 | 260 | 2354.0 | 265 | 2354.0 | 266 | 104000 |
| GR2354.0 | 384 | 2353.9 | 401 | 2353.9 | 494 | 2356.1 | 511 | 2356.1 | 530 | 106000 |
| GR2353.3 | 540 | 2382.7 | 600 | | | | | | | 107000 |
| NC | .15 | .07 | .06 | | | | | | | 108000 |
| QT 6 | 2516 | 5221 | 8337 | 9947 | 13758 | 9947 | | | | 109000 |
| ET | | | | | 8.11 | 115 | 195 | | | 110000 |
| X1 7.09 | 19 | 125 | 189 | 840 | 640 | 840 | | | | 111000 |
| GR2375.0 | 5 | 2363.4 | 43 | 2362.7 | 80 | 2361.4 | 91 | 2360.7 | 105 | 112000 |
| GR2355.5 | 125 | 2352.7 | 129 | 2352.7 | 141 | 2352.7 | 145 | 2352.7 | 165 | 113000 |

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|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| GR2352.7 | 180 | 2360.0 | 189 | 2366.0 | 199 | 2366.0 | 211 | 2365.2 | 229 | 114000 | |
| GR2363.6 | 235 | 2365.1 | 243 | 2367.5 | 248 | 2375.0 | 249 | | | 115000 | |
| NC | .13 | .09 | .07 | | | | | | | 116000 | |
| QT | 6 | 2507 | 5208 | 8314 | 9918 | 13722 | 9918 | | | 117000 | |
| ET | | | | | | 8.11 | 75 | 195 | | 118000 | |
| X1 | 7.28 | 12 | 85 | 183 | 1040 | 1040 | 1040 | | | 119000 | |
| GR2409.7 | 0 | 2376.9 | 70 | 2369.7 | 85 | 2366.4 | 91 | 2365.0 | 110 | 120000 | |
| GR2365.0 | 137 | 2366.4 | 163 | 2370.9 | 183 | 2374.1 | 243 | 2378.2 | 277 | 121000 | |
| GR2378.1 | 329 | 2400.0 | 365 | | | | | | | 122000 | |
| NC | .10 | .10 | .055 | | | | | | | 123000 | |
| QT | 6 | 2500 | 5200 | 8300 | 9900 | 13700 | 9900 | | | 124000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 125000 | |
| X1 | 7.41 | 31 | 136 | 249 | 640 | 520 | 640 | | | 126000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 127000 | |
| GR2384.7 | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 128000 | |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 129000 | |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 130000 | |
| GR2375.2 | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.2 | 281 | 131000 | |
| GR2380.4 | 290 | 2379.8 | 300 | 2376.9 | 312 | 2381.8 | 408 | 2395.0 | 420 | 132000 | |
| GR2400.0 | 426 | | | | | | | | | 133000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 133100 | |
| X1 | 7.41 | 28 | 112 | 250 | 40 | 40 | 40 | | | 134000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 135000 | |
| GR2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 136000 | |
| GR2373.2 | 174 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 137000 | |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 138000 | |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 139000 | |
| GR2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 140000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 140100 | |
| X1 | 7.41 | 35 | 112 | 250 | 1 | 1 | 1 | | | 141000 | |
| BT | 10 | 46 | 2384.8 | 0 | 110 | 2385.4 | 0 | 110 | 2387.5 | 0 | 142000 |
| BT | 112 | 2387.5 | 0 | 112 | 2387.5 | 2382.4 | 250 | 2387.5 | 2382.4 | 250 | 143000 |
| BT | 2387.5 | 0 | 252 | 2387.5 | 0 | 252 | 2385.3 | 0 | 272 | 2384.9 | 144000 |
| BT | 0 | | | | | | | | | 145000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 146000 | |
| GR2385.4 | 110 | 2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 147000 | |
| GR2382.4 | 151 | 2382.4 | 153 | 2374.8 | 153 | 2374.5 | 169 | 2373.2 | 174 | 148000 | |
| GR2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 2382.4 | 211 | 149000 | |
| GR2382.4 | 213 | 2373.8 | 213 | 2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 150000 | |
| GR2378.1 | 242 | 2378.2 | 250 | 2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 151000 | |
| GR2381.3 | 351 | 2381.3 | 368 | 2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | 152000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 152100 | |
| X1 | 7.41 | | | 30 | 30 | 30 | | | | 153000 | |
| X2 | | | | | | 1 | | | | 154000 | |
| NC | .10 | .10 | .045 | | | | | | | 155000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 155100 | |
| X1 | 7.41 | 28 | 112 | 250 | 1 | 1 | 1 | | | 156000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 157000 | |
| GR2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 158000 | |
| GR2373.2 | 174 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 159000 | |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 160000 | |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 161000 | |
| GR2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 162000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 162100 | |
| X1 | 7.41 | 31 | 136 | 249 | 10 | 10 | 10 | | | 163000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 164000 | |
| GR2384.7 | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 165000 | |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 166000 | |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 167000 | |
| GR2375.2 | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.4 | 280 | 168000 | |

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|----------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|
| GR2381.3 | 350 | 2381.3 | 368 | 2380.7 | 389 | 2380.7 | 397 | 2395.0 | 420 | 169000 | |
| GR2400.0 | 426 | | | | | | | | | 170000 | |
| NC | .15 | .13 | .06 | | | | | | | 171000 | |
| QT | 6 | 2082 | 4200 | 6882 | 8282 | 11482 | 8282 | | | 172000 | |
| ET | | | | | | | 6.11 | 45 | 215 | 173000 | |
| X1 | 7.58 | 16 | 53 | 206 | 890 | 890 | 890 | | | 174000 | |
| GR2420.4 | 0 | 2392.0 | 53 | 2386.1 | 74 | 2383.0 | 88 | 2382.0 | 105 | 175000 | |
| GR2382.0 | 155 | 2382.9 | 174 | 2391.1 | 206 | 2391.1 | 216 | 2389.3 | 231 | 176000 | |
| GR2389.4 | 310 | 2392.6 | 328 | 2392.6 | 350 | 2392.5 | 351 | 2393.1 | 486 | 177000 | |
| GR2424.1 | 558 | | | | | | | | | 178000 | |
| NC | .13 | .12 | .06 | | | | | | | 179000 | |
| QT | 6 | 2040 | 4200 | 6840 | 8240 | 11440 | 8240 | | | 180000 | |
| ET | | | | | | | 8.11 | 25 | 135 | 181000 | |
| X1 | 7.99 | 14 | 32 | 125 | 2200 | 2320 | 2200 | | | 182000 | |
| GR2440.0 | 0 | 2418.9 | 32 | 2406.7 | 45 | 2403.8 | 53 | 2403.8 | 89 | 183000 | |
| GR2406.0 | 95 | 2406.8 | 95 | 2417.4 | 125 | 2422.0 | 228 | 2422.0 | 250 | 184000 | |
| GR2419.1 | 267 | 2432.1 | 307 | 2445.2 | 367 | 2459.7 | 418 | | | 185000 | |
| NC | .15 | .12 | .075 | | | | | | | 186000 | |
| ET | | | | | | | 8.11 | 65 | 135 | 187000 | |
| X1 | 8.20 | 19 | 71 | 116 | 1090 | 1090 | 1090 | -8.4 | | 188000 | |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 189000 | |
| GR2437.5 | 86 | 2434.4 | 96 | 2435.0 | 106 | 2441.3 | 116 | 2441.5 | 125 | 190000 | |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 191000 | |
| GR2457.7 | 194 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 192000 | |
| NC | .15 | .12 | .065 | | | | | | | 192100 | |
| ET | | | | | | | 8.11 | 65 | 135 | 192110 | |
| X1 | 8.35 | 19 | 71 | 116 | 770 | 770 | 770 | | | 193000 | |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 193100 | |
| GR2440.0 | 78 | 2440.0 | 96 | 2440.0 | 114 | 2441.3 | 116 | 2441.5 | 125 | 193200 | |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 193300 | |
| GR2457.7 | 194 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 193400 | |
| QT | 6 | 1200 | 2600 | 4300 | 5200 | 7400 | 5200 | | | 194000 | |
| ET | | | | | | | 8.11 | 65 | 160 | 195000 | |
| X1 | 8.39 | 12 | 75 | 130 | 240 | 110 | 160 | | | 196000 | |
| GR2469.5 | 0 | 2461.0 | 22 | 2460.2 | 55 | 2451.0 | 75 | 2446.0 | 86 | 197000 | |
| GR2444.4 | 90 | 2444.4 | 95 | 2444.5 | 103 | 2445.6 | 113 | 2450.3 | 130 | 198000 | |
| GR2457.3 | 157 | 2475.0 | 181 | | | | | | | 199000 | |
| ET | | | | | | | 8.11 | 65 | 160 | 200000 | |
| X1 | 8.39 | | | 40 | 40 | 40 | | | | 201000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 45.8 | 3 | 574 | 1.46 | 2445.5 | 2445.5 | 202000 |
| ET | | | | | | | 8.11 | 65 | 160 | 203000 | |
| X1 | 8.39 | | | 30 | 30 | 30 | | | | 204000 | |
| X2 | | | 1 | 2455.5 | 2459.0 | | | | | 205000 | |
| RT | 11 | 0 | 2472.0 | 0 | 5 | 2467.5 | 0 | 22 | 2461.0 | 0 | 206000 |
| BT | 55 | 2460.2 | 0 | 57 | 2459.0 | 0 | 75 | 2459.0 | 0 | 75 | 207000 |
| BT2461.0 | 0 | 80 | 2461.3 | 0 | 160 | 2461.3 | 0 | 162 | 2461.1 | 208000 | |
| BT | 0 | 181 | 2475.0 | 0 | | | | | | 209000 | |
| NC | .15 | .12 | .055 | | | | | | | 210000 | |
| ET | | | | | | | 8.11 | 65 | 160 | 211000 | |
| X1 | 8.39 | | | 10 | 10 | 10 | | | | 212000 | |
| NH | 4 | .12 | 220 | .06 | 288 | .08 | 480 | .20 | 753 | 213000 | |
| ET | | | | | | | 8.11 | 210 | 300 | 214000 | |
| X1 | 8.53 | 19 | 220 | 288 | 680 | 800 | 680 | | | 215000 | |
| GR2513.5 | 0 | 2477.3 | 60 | 2469.2 | 80 | 2470.6 | 94 | 2470.6 | 115 | 216000 | |
| GR2462.7 | 156 | 2457.6 | 220 | 2455.0 | 229 | 2452.5 | 230 | 2452.5 | 273 | 217000 | |
| GR2455.0 | 273 | 2463.0 | 288 | 2464.9 | 318 | 2463.4 | 387 | 2463.4 | 448 | 218000 | |
| GR2464.7 | 480 | 2464.7 | 661 | 2490.3 | 729 | 2513.4 | 753 | | | 219000 | |
| NC | .10 | .13 | .060 | | | | | | | 220000 | |
| ET | | | | | | | 8.11 | 720 | 870 | 222000 | |
| X1 | 8.76 | 24 | 726 | 860 | 1240 | 1080 | 1160 | | | 223000 | |

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|----------|------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|
| GR2512.8 | 0 | 2504.9 | 147 | 2492.5 | 297 | 2490.2 | 310 | 2490.2 | 323 | 224000 | |
| GR2486.9 | 358 | 2480.1 | 453 | 2478.2 | 500 | 2479.5 | 595 | 2476.2 | 631 | 225000 | |
| GR2477.5 | 641 | 2477.5 | 662 | 2475.3 | 695 | 2475.6 | 726 | 2468.0 | 756 | 226000 | |
| GR2466.8 | 775 | 2466.8 | 825 | 2468.0 | 843 | 2472.0 | 860 | 2478.5 | 888 | 227000 | |
| GR2482.0 | 934 | 2482.0 | 948 | 2490.1 | 971 | 2505.4 | 1016 | | | 228000 | |
| NC | .10 | .10 | .055 | | | | | | | 229000 | |
| QT | 6 | 1173 | 2546 | 4219 | 5092 | 7238 | 5092 | | | 230000 | |
| ET | | | | | | | 8.11 | 190 | 295 | 231000 | |
| X1 | 8.94 | 18 | 195 | 285 | 760 | 1000 | 880 | | | 232000 | |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 233000 | |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 234000 | |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 235000 | |
| GR2488.9 | 331 | 2489.6 | 450 | 2501.0 | 494 | | | | | 236000 | |
| ET | | | | | | | 8.11 | 190 | 295 | 236100 | |
| X1 | 8.94 | | | 40 | 40 | 40 | | | | 237000 | |
| ET | | | | | | | 8.11 | 190 | 295 | 238000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 51.6 | 4 | 729.3 | 1.7 | 2480.5 | 2480.5 | 239000 |
| X1 | 8.94 | 20 | 195 | 285 | 30 | 30 | 30 | | | 240000 | |
| X2 | | | 1 | 2491.5 | 2492.0 | | | | | 241000 | |
| BT | 12 | 0 | 2505.0 | 0 | 0 | 2494.4 | 0 | 95 | 2492.5 | 0 | 242000 |
| BT | 141 | 2492.0 | 0 | 197 | 2493.7 | 0 | 197 | 2495.5 | 0 | 285 | 243000 |
| BT2495.5 | 0 | 285 | 2493.7 | 0 | 300 | 2493.6 | 0 | 400 | 2493.4 | 244000 | |
| BT | 0 | 500 | 2493.6 | 0 | 526 | 2501.0 | 0 | | | 245000 | |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 246000 | |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 247000 | |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 248000 | |
| GR2488.9 | 331 | 2492.0 | 370 | 2492.0 | 405 | 2493.6 | 500 | 2501.0 | 526 | 249000 | |
| ET | | | | | | | 8.11 | 190 | 295 | 250000 | |
| X1 | 8.94 | | | 10 | 10 | 10 | | | | 251000 | |
| NC | .10 | .07 | .055 | | | | | | | 252000 | |
| QT | 6 | 1165 | 2530 | 4195 | 5060 | 7190 | 5060 | | | 253000 | |
| ET | | | | | | | 8.11 | 120 | 220 | 254000 | |
| X1 | 9.10 | 19 | 130 | 210 | 840 | 800 | 840 | | | 255000 | |
| GR2538.5 | 0 | 2512.2 | 49 | 2512.2 | 86 | 2502.6 | 118 | 2497.5 | 130 | 256000 | |
| GR2493.4 | 139 | 2492.2 | 155 | 2492.2 | 180 | 2493.4 | 193 | 2497.5 | 210 | 257000 | |
| GR2501.4 | 227 | 2501.8 | 241 | 2501.8 | 260 | 2505.5 | 284 | 2505.5 | 441 | 258000 | |
| GR2508.8 | 472 | 2512.6 | 637 | 2520.3 | 785 | 2528.0 | 884 | | | 259000 | |
| NC | .12 | .12 | .065 | | | | | | | 260000 | |
| QT | 6 | 1159 | 2518 | 4177 | 5036 | 7154 | 5036 | | | 261000 | |
| ET | | | | | | | 8.11 | 240 | 330 | 262000 | |
| X1 | 9.22 | 12 | 250 | 323 | 640 | 640 | 640 | | | 263000 | |
| GR2516.7 | 150 | 2512.9 | 169 | 2509.7 | 189 | 2503.9 | 203 | 2502.3 | 250 | 264000 | |
| GR2500.1 | 272 | 2500.7 | 322 | 2501.0 | 323 | 2508.9 | 337 | 2511.0 | 425 | 265000 | |
| GR2512.3 | 537 | 2515.5 | 560 | | | | | | | 266000 | |
| NC | .12 | .12 | .065 | | | | | | | 267000 | |
| QT | 6 | 1154 | 2508 | 4162 | 5016 | 7124 | 5016 | | | 268000 | |
| ET | | | | | | | 8.11 | 210 | 305 | 269000 | |
| X1 | 9.32 | 19 | 221 | 295 | 560 | 640 | 550 | | | 270000 | |
| GR2522.9 | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 271000 | |
| GR2511.0 | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 272000 | |
| GR2505.7 | 266 | 2506.0 | 295 | 2509.1 | 306 | 2520.6 | 324 | 2524.0 | 400 | 273000 | |
| GR2520.1 | 495 | 2524.0 | 550 | 2527.0 | 629 | 2530.0 | 690 | | | 274000 | |
| ET | | | | | | | 8.11 | 210 | 305 | 276000 | |
| X1 | 9.33 | 18 | 221 | 295 | 50 | 50 | 50 | | | 277000 | |
| GR2522.9 | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 278000 | |
| GR2511.0 | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 279000 | |
| GR2505.7 | 266 | 2506.0 | 295 | 2509.1 | 306 | 2524.0 | 400 | 2520.1 | 495 | 280000 | |
| GR2524.0 | 550 | 2527.0 | 629 | 2530.0 | 690 | | | | | 281000 | |
| NC | .15 | .12 | .065 | | | | | | | 282000 | |
| QT | 6 | 1149 | 2497 | 4146 | 4994 | 7091 | 4994 | | | 283000 | |

| | | | | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ET | | | | | 8.11 | 265 | 365 | | 284000 | |
| X1 9.43 | 20 | 272 | 355 | 530 | 530 | 530 | | | 285000 | |
| GR2529.4 | 30 | 2529.4 | 40 | 2526.3 | 55 | 2526.5 | 155 | 2522.2 | 174 | 286000 |
| GR2521.3 | 225 | 2527.9 | 231 | 2530.0 | 250 | 2514.3 | 272 | 2513.3 | 274 | 287000 |
| GR2513.7 | 300 | 2515.6 | 355 | 2528.9 | 371 | 2528.3 | 439 | 2527.6 | 446 | 288000 |
| GR2530.9 | 454 | 2534.6 | 545 | 2535.2 | 640 | 2533.2 | 734 | 2535.1 | 747 | 289000 |
| ET | | | | | 8.11 | 480 | 620 | | | 291000 |
| X1 9.67 | 25 | 548 | 605 | 1160 | 1160 | 1160 | | | | 292000 |
| GR2595.2 | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 293000 |
| GR2557.8 | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2552.2 | 548 | 294000 |
| GR2548.0 | 549 | 2548.0 | 600 | 2552.5 | 605 | 2562.4 | 615 | 2564.4 | 626 | 295000 |
| GR2562.7 | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 296000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 297000 |
| ET | | | | | 8.11 | 480 | 620 | | | 298000 |
| X1 9.67 | 25 | 510 | 610 | 30 | 30 | 30 | | | | 299000 |
| GR2595.2 | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 300000 |
| GR2557.8 | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2556.7 | 510 | 301000 |
| GR2556.4 | 511 | 2556.4 | 609 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 302000 |
| GR2562.7 | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 303000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 304000 |
| ET | | | | | 8.11 | 480 | 620 | | | 305000 |
| X1 9.67 | 25 | 525 | 610 | 30 | 30 | 30 | | | | 306000 |
| GR2595.2 | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 307000 |
| GR2557.8 | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2554.7 | 525 | 308000 |
| GR2554.0 | 530 | 2554.0 | 607 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 309000 |
| GR2562.7 | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 310000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 311000 |
| NC .15 | .12 | .065 | | | | | | | | 312000 |
| ET | | | | | 8.11 | 290 | 390 | | | 314000 |
| X1 9.82 | 18 | 300 | 380 | 740 | 740 | 740 | | | | 315000 |
| GR2578.4 | 38 | 2578.3 | 49 | 2572.0 | 66 | 2572.0 | 122 | 2574.0 | 127 | 316000 |
| GR2573.9 | 175 | 2576.9 | 202 | 2577.1 | 264 | 2573.0 | 287 | 2573.8 | 300 | 317000 |
| GR2570.0 | 309 | 2569.6 | 320 | 2569.6 | 359 | 2573.8 | 380 | 2577.6 | 423 | 318000 |
| GR2577.2 | 440 | 2579.0 | 453 | 2579.3 | 465 | | | | | 319000 |
| NC .15 | .15 | .065 | | | | | | | | 320000 |
| ET | | | | | 8.11 | 255 | 350 | | | 322000 |
| X1 9.94 | 14 | 265 | 340 | 630 | 630 | 630 | | | | 323000 |
| GR2595.9 | 50 | 2595.9 | 61 | 2591.5 | 81 | 2587.0 | 95 | 2587.0 | 120 | 324000 |
| GR2586.9 | 128 | 2588.5 | 204 | 2586.4 | 218 | 2588.3 | 225 | 2588.9 | 265 | 325000 |
| GR2584.0 | 300 | 2583.7 | 340 | 2591.1 | 360 | 2595.0 | 375 | | | 326000 |
| QT 6 | 1118 | 2435 | 4053 | 4870 | 6905 | 4870 | | | | 327000 |
| ET | | | | | 8.11 | 130 | 225 | | | 328000 |
| X1 10.05 | 13 | 145 | 209 | 530 | 530 | 530 | | | | 329000 |
| GR2616.4 | 60 | 2612.2 | 86 | 2612.2 | 99 | 2600.4 | 140 | 2597.2 | 145 | 330000 |
| GR2592.9 | 151 | 2591.2 | 161 | 2591.2 | 175 | 2599.1 | 209 | 2604.2 | 274 | 331000 |
| GR2606.0 | 376 | 2609.2 | 464 | 2612.4 | 565 | | | | | 332000 |
| ET | | | | | 8.11 | 130 | 225 | | | 332100 |
| X1 10.05 | | | 40 | 40 | 40 | | | | | 333000 |
| ET | | | | | 8.11 | 130 | 225 | | | 333100 |
| SB 1.25 | 1.6 | 3 | 0 | 55.9 | 8 | 755.4 | 1.25 | 2591.2 | 2591.2 | 334000 |
| X1 10.05 | | | 30 | 30 | 30 | | | | | 335000 |
| X2 | | 1 | 2603.2 | 2605.7 | | | | | | 336000 |
| BT 12 | 60 | 2616.4 | 0 | 86 | 2612.2 | 0 | 99 | 2612.2 | 0 | 337000 |
| BT 120 | 2606.0 | 0 | 135 | 2605.7 | 0 | 135 | 2607.2 | 0 | 219 | 338000 |
| AT2607.9 | 0 | 219 | 2606.1 | 0 | 235 | 2606.4 | 0 | 290 | 2606.9 | 339000 |
| BT 0 | 407 | 2607.2 | 0 | 565 | 2612.4 | 0 | | | | 340000 |
| ET | | | | | 8.11 | 130 | 225 | | | 340100 |
| X1 10.05 | | | 10 | 10 | 10 | | | | | 341000 |
| QT 6 | 1100 | 2400 | 4000 | 4800 | 6800 | 4800 | | | | 342000 |
| ET | | | | | 8.11 | 500 | 590 | | | 343000 |

| | | | | | | | | | | |
|----------|-----------------------|--------|-----|--------------|------|--------|-----|--------|-----|--------|
| X1 10.36 | 28 | 509 | 579 | 1640 | 1640 | 1640 | | 344000 | | |
| GR2690.1 | 0 | 2657.3 | 52 | 2644.4 | 137 | 2642.4 | 170 | 2639.0 | 231 | 345000 |
| GR2642.0 | 401 | 2645.1 | 457 | 2645.0 | 470 | 2644.9 | 482 | 2634.0 | 509 | 346000 |
| GR2632.4 | 509 | 2632.4 | 544 | 2634.2 | 544 | 2635.4 | 547 | 2635.4 | 558 | 347000 |
| GR2634.2 | 560 | 2632.3 | 560 | 2632.3 | 579 | 2634.2 | 579 | 2642.3 | 606 | 348000 |
| GR2652.7 | 638 | 2653.8 | 782 | 2661.0 | 822 | 2695.1 | 888 | | | 349000 |
| EJ | | | | | | | | | | 350000 |
| T1 | CHEROKEE INDIAN LANDS | | | DBN=RAVENFK1 | | | | | | 361000 |
| T2 | 100-YEAR FLOODWAY | | | HD11270 JHN | | | | | | 362000 |
| T3 | RAVEN FORK | | | | | | | | | 363000 |
| J1 | 7 | | | | | 2302.1 | | | | 364000 |
| J2 | 15 | -1 | | | | | | | | 365000 |
| | | | | | | | | | | 371000 |
| | | | | | | | | | | 372000 |
| | | | | | | | | | | 373000 |
| ER | | | | | | | | | | 374000 |

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|-------------------|-----|------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFW1 | 000 | 1000 |
| T2 | 100-YEAR FLOOD | H011270 JHN | 000 | 2000 |
| T3 | RAVEN FORK | 100-YEAR FLOODWAY | 000 | 3000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|------|
| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ | |
| | 0. | 5. | 0. | 0. | .00000 | 0. | .00 | 0. | 2302.10 | .00 | 4000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|------|
| J2 | NPROF | IPL0T | PRFVS | XSECV | XSECH | FN | ALLDC | IRW | CHNIM | ITRACE | |
| | 0. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 5000 |

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

| | | | | | | | | | | | |
|--|--------|-----|--------|-----|-----|-----|-----|-----|-----|-----|------|
| | 110.00 | .00 | 200.00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6000 |
|--|--------|-----|--------|-----|-----|-----|-----|-----|-----|-----|------|

| | | | | | | | | | | | |
|----|-------|-------|--|--|--|--|--|--|--|--|------|
| J6 | IHL00 | ICOPY | | | | | | | | | 6100 |
| | 1. | 0. | | | | | | | | | |

| | | | | | | | | | | | |
|----|------|-------|-------|-------|--------|--------|--------|--------|--------|-----|------|
| NC | .120 | .100 | .055 | .1 | .5 | | | | | | 7000 |
| QT | 6. | 2570. | 5300. | 8470. | 10120. | 13970. | 10120. | 0. | 0. | 0. | 8000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 340.00 | 445.00 | .00 | 9000 |

| | | | | | | | | | | | |
|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| X1 | 5.96 | 17. | 352. | 434. | 600. | 450. | 500. | .00 | .00 | 0. | 10000 |
| GR | 2344.8 | 0. | 2313.1 | 69. | 2305.3 | 97. | 2308.2 | 140. | 2309.2 | 189. | 11000 |
| GR | 2308.1 | 255. | 2305.2 | 312. | 2303.9 | 333. | 2295.1 | 352. | 2293.8 | 352. | 12000 |
| GR | 2293.8 | 434. | 2295.1 | 434. | 2301.0 | 500. | 2304.6 | 528. | 2304.6 | 552. | 13000 |
| GR | 2303.6 | 556. | 2333.2 | 601. | .0 | 0. | .0 | 0. | .0 | 0. | 14000 |
| NC | .120 | .060 | .055 | .1 | .5 | | | | | | 15000 |
| QT | 6. | 2564. | 5285. | 8449. | 10092. | 13935. | 10092. | 0. | 0. | 0. | 16000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 360.00 | 465.00 | .00 | 17000 |

| | | | | | | | | | | | |
|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| X1 | 6.14 | 25. | 370. | 456. | 900. | 730. | 840. | .00 | .00 | 0. | 18000 |
| GR | 2325.0 | 73. | 2315.6 | 109. | 2313.3 | 159. | 2313.6 | 206. | 2314.1 | 222. | 19000 |
| GR | 2313.3 | 255. | 2312.9 | 291. | 2312.0 | 305. | 2308.7 | 342. | 2305.5 | 366. | 20000 |
| GR | 2304.1 | 370. | 2301.7 | 377. | 2300.2 | 385. | 2299.8 | 409. | 2299.7 | 419. | 21000 |
| GR | 2299.3 | 430. | 2299.8 | 441. | 2301.6 | 449. | 2304.0 | 456. | 2308.5 | 460. | 22000 |
| GR | 2315.2 | 469. | 2316.3 | 476. | 2317.1 | 496. | 2316.2 | 502. | 2325.0 | 519. | 23000 |
| NH | 4. | .150 | 445. | .060 | 525. | .080 | 599. | .050 | 733. | .000 | 24000 |
| QT | 6. | 2558. | 5278. | 8436. | 10075. | 13914. | 10075. | 0. | 0. | 0. | 25000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 435.00 | 565.00 | .00 | 26000 |

| | | | | | | | | | | | |
|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| X1 | 6.25 | 33. | 445. | 525. | 620. | 620. | 620. | .00 | .00 | 0. | 27000 |
| GR | 2330.0 | 9. | 2320.5 | 46. | 2318.7 | 71. | 2317.6 | 140. | 2317.2 | 176. | 28000 |
| GR | 2317.3 | 186. | 2317.3 | 238. | 2317.8 | 261. | 2319.2 | 322. | 2319.5 | 445. | 29000 |
| GR | 2314.0 | 452. | 2311.2 | 463. | 2308.3 | 466. | 2307.3 | 466. | 2306.4 | 472. | 30000 |
| GR | 2306.7 | 488. | 2306.4 | 498. | 2307.3 | 509. | 2308.5 | 519. | 2309.0 | 525. | 31000 |
| GR | 2310.9 | 553. | 2311.6 | 573. | 2313.6 | 586. | 2317.0 | 593. | 2317.9 | 599. | 32000 |
| GR | 2318.1 | 621. | 2316.9 | 627. | 2317.0 | 633. | 2316.0 | 636. | 2317.8 | 645. | 33000 |
| GR | 2319.3 | 662. | 2320.7 | 675. | 2330.0 | 733. | .0 | 0. | .0 | 0. | 34000 |
| NC | .150 | .070 | .050 | .3 | .8 | | | | | | 35000 |
| OT | 6. | 2550. | 5267. | 8417. | 10051. | 13885. | 10051. | 0. | 0. | 0. | 36000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 345.00 | .00 | 37000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|-------|
| X1 | 6.41 | 29. | 250. | 335. | 740. | 740. | 740. | .00 | .00 | 0. | 38000 |
| GR | 2330.8 | 0. | 2326.8 | 106. | 2326.4 | 134. | 2325.6 | 165. | 2325.4 | 205. | 39000 |
| GR | 2324.0 | 210. | 2323.8 | 223. | 2318.9 | 230. | 2317.0 | 240. | 2316.0 | 250. | 40000 |
| GR | 2315.0 | 250. | 2313.2 | 255. | 2313.0 | 275. | 2312.5 | 296. | 2312.6 | 301. | 41000 |
| GR | 2312.4 | 312. | 2312.7 | 317. | 2314.0 | 325. | 2316.5 | 326. | 2318.2 | 335. | 42000 |
| GR | 2319.9 | 351. | 2322.9 | 364. | 2322.9 | 381. | 2321.9 | 389. | 2324.2 | 450. | 43000 |
| GR | 2325.3 | 475. | 2326.0 | 550. | 2328.0 | 582. | 2340.0 | 582. | .0 | 0. | 44000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 345.00 | .00 | 45000 |

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|----|------|------|------|-----|-------|-----|--------|--------|--------|--------|-------|
| X1 | 6.41 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 46000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 85.01 | .01 | 748.00 | .00 | 2314.0 | 2314.0 | 47000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 345.00 | .00 | 48000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| X1 | 6.41 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 49000 |
| X2 | 0. | .00 | 1. | 2322.8 | 2324.4 | .00 | 0. | .00 | .0 | 0. | 50000 |
| BT | 18.0 | .0 | 2335.3 | .0 | 75.0 | 2330.3 | .0 | 135.0 | 2328.4 | .0 | 51000 |
| BT | 190.0 | 2325.4 | .0 | 194.0 | 2324.3 | .0 | 197.0 | 2324.9 | .0 | 217.0 | 52000 |
| BT | 2325.1 | .0 | 244.0 | 2325.6 | .0 | 245.0 | 2328.0 | .0 | 298.0 | 2328.4 | 53000 |
| BT | .0 | 335.0 | 2328.0 | .0 | 337.0 | 2325.7 | .0 | 379.0 | 2325.1 | .0 | 54000 |
| BT | 384.0 | 2324.4 | .0 | 439.0 | 2326.3 | .0 | 537.0 | 2330.9 | .0 | 582.0 | 55000 |
| BT | 2330.9 | .0 | 582.0 | 2340.0 | .0 | .0 | .0 | .0 | .0 | .0 | 56000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 345.00 | .00 | 57000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|-------|
| X1 | 6.41 | 23. | 250. | 335. | 10. | 10. | 10. | .00 | .00 | 0. | 58000 |
| GR | 2333.0 | 0. | 2331.6 | 45. | 2329.0 | 150. | 2326.1 | 200. | 2326.1 | 223. | 59000 |
| GR | 2316.5 | 250. | 2314.9 | 255. | 2313.6 | 262. | 2313.3 | 274. | 2314.0 | 283. | 60000 |
| GR | 2313.1 | 290. | 2313.0 | 300. | 2313.2 | 313. | 2313.8 | 320. | 2314.7 | 325. | 61000 |
| GR | 2316.5 | 326. | 2319.0 | 335. | 2326.4 | 361. | 2326.4 | 381. | 2328.4 | 461. | 62000 |
| GR | 2329.5 | 553. | 2330.5 | 582. | 2340.0 | 582. | .0 | 0. | .0 | 0. | 63000 |
| NC | .000 | .000 | .000 | .1 | .5 | | | | | | 63100 |
| NH | 5. | .150 | 238. | .180 | 264. | .050 | 341. | .150 | 378. | .070 | 64000 |
| NH | 572. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 65000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 230.00 | 350.00 | .00 | 66000 |

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|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| X1 | 6.50 | 28. | 264. | 341. | 480. | 480. | 480. | .00 | .00 | 0. | 67000 |
| GR | 2340.0 | 3. | 2331.5 | 70. | 2329.6 | 120. | 2329.2 | 137. | 2329.1 | 150. | 68000 |
| GR | 2328.4 | 176. | 2328.0 | 220. | 2326.6 | 225. | 2326.4 | 238. | 2321.7 | 245. | 69000 |
| GR | 2320.0 | 252. | 2318.9 | 264. | 2317.1 | 266. | 2315.9 | 270. | 2315.3 | 307. | 70000 |
| GR | 2315.2 | 327. | 2315.8 | 334. | 2316.5 | 339. | 2319.3 | 341. | 2321.2 | 352. | 71000 |
| GR | 2322.7 | 367. | 2325.6 | 378. | 2325.6 | 396. | 2324.8 | 403. | 2327.1 | 470. | 72000 |
| GR | 2327.9 | 484. | 2328.5 | 530. | 2340.0 | 572. | .0 | 0. | .0 | 0. | 73000 |
| NH | 4. | .150 | 232. | .180 | 310. | .065 | 415. | .070 | 538. | .000 | 74000 |
| QT | 6. | 2541. | 5255. | 8396. | 10024. | 13851. | 10024. | 0. | 0. | 0. | 75000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 300.00 | 425.00 | .00 | 76000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|-------|
| X1 | 6.59 | 19. | 310. | 415. | 490. | 490. | 490. | .00 | .00 | 0. | 77000 |
| GR | 2350.0 | 36. | 2335.9 | 88. | 2334.2 | 105. | 2335.2 | 150. | 2335.9 | 200. | 78000 |
| GR | 2336.0 | 232. | 2334.5 | 252. | 2332.1 | 278. | 2329.2 | 297. | 2328.0 | 310. | 79000 |
| GR | 2325.5 | 314. | 2324.2 | 323. | 2323.0 | 339. | 2323.5 | 395. | 2325.6 | 408. | 80000 |
| GR | 2326.3 | 415. | 2328.4 | 434. | 2336.7 | 465. | 2350.0 | 538. | .0 | 0. | 81000 |
| NH | 4. | .150 | 250. | .180 | 328. | .065 | 430. | .070 | 453. | .000 | 82000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 320.00 | 440.00 | .00 | 83000 |

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|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| X1 | 6.66 | 20. | 328. | 430. | 370. | 370. | 370. | .00 | .00 | 0. | 84000 |
| GR | 2355.0 | 37. | 2337.0 | 106. | 2335.2 | 121. | 2336.6 | 189. | 2337.0 | 220. | 85000 |
| GR | 2337.1 | 250. | 2335.4 | 267. | 2332.8 | 300. | 2330.0 | 317. | 2329.1 | 328. | 86000 |
| GR | 2326.7 | 332. | 2326.2 | 334. | 2325.3 | 341. | 2325.0 | 345. | 2325.0 | 417. | 87000 |
| GR | 2326.8 | 428. | 2327.0 | 430. | 2329.4 | 453. | 2337.7 | 483. | 2355.0 | 578. | 88000 |
| NH | 4. | .200 | 178. | .060 | 294. | .060 | 325. | .080 | 476. | .000 | 89000 |
| QT | 6. | 2533. | 5243. | 8376. | 9998. | 13819. | 9998. | 0. | 0. | 0. | 90000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 170.00 | 305.00 | .00 | 91000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|-------|
| X1 | 6.76 | 20. | 178. | 294. | 600. | 600. | 600. | .00 | .00 | 0. | 92000 |
| GR | 2365.0 | 80. | 2349.7 | 120. | 2349.0 | 139. | 2343.3 | 161. | 2339.6 | 178. | 93000 |
| GR | 2337.4 | 181. | 2335.9 | 192. | 2335.9 | 201. | 2335.1 | 220. | 2334.2 | 260. | 94000 |
| GR | 2333.3 | 271. | 2336.0 | 281. | 2337.7 | 289. | 2340.3 | 294. | 2345.0 | 309. | 95000 |
| GR | 2349.3 | 319. | 2349.8 | 325. | 2349.8 | 421. | 2355.0 | 459. | 2365.0 | 476. | 96000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 170.00 | 305.00 | .00 | 96010 |

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|----|------|-------|-------|-------|-------|--------|-------|-------|--------|------|--------|
| X1 | 6.84 | 0. | 0. | 0. | 400. | 400. | 400. | .00 | 6.00 | 0. | 96100 |
| NH | 6. | .150 | 43. | .060 | 140. | .100 | 176. | .050 | 250. | .100 | 97000 |
| NH | 384. | .080 | 600. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 98000 |
| QT | 6. | 2524. | 5233. | 8357. | 9973. | 13789. | 9973. | 0. | 0. | 0. | 99000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 35.00 | 305.00 | .00 | 100000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 6.92 | 22. | 43. | 140. | 480. | 320. | 480. | .00 | .00 | 0. | 101000 |
| GR | 2386.2 | 0. | 2352.5 | 43. | 2346.5 | 50. | 2345.2 | 50. | 2345.2 | 118. | 102000 |
| GR | 2346.5 | 118. | 2352.4 | 140. | 2353.2 | 159. | 2351.6 | 176. | 2345.2 | 184. | 103000 |
| GR | 2345.2 | 226. | 2354.0 | 250. | 2354.0 | 260. | 2354.0 | 265. | 2354.0 | 266. | 104000 |
| GR | 2354.0 | 384. | 2353.9 | 401. | 2353.9 | 494. | 2356.1 | 511. | 2356.1 | 530. | 106000 |
| GR | 2353.3 | 540. | 2382.7 | 600. | .0 | 0. | .0 | 0. | .0 | 0. | 107000 |

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|----|------|-------|-------|-------|-------|--------|-------|--------|--------|-----|--------|
| NC | .150 | .070 | .060 | .0 | .0 | | | | | | 108000 |
| QT | 6. | 2516. | 5221. | 8337. | 9947. | 13758. | 9947. | 0. | 0. | 0. | 109000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 115.00 | 195.00 | .00 | 110000 |

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|----|--------|-------|--------|-------|--------|--------|--------|-------|--------|------|--------|
| X1 | 7.09 | 19. | 125. | 189. | 840. | 640. | 840. | .00 | .00 | 0. | 111000 |
| GR | 2375.0 | 5. | 2363.4 | 43. | 2362.7 | 80. | 2361.4 | 91. | 2360.7 | 105. | 112000 |
| GR | 2355.5 | 125. | 2352.7 | 129. | 2352.7 | 141. | 2352.7 | 145. | 2352.7 | 165. | 113000 |
| GR | 2352.7 | 180. | 2360.0 | 184. | 2366.0 | 199. | 2366.0 | 211. | 2365.2 | 229. | 114000 |
| GR | 2363.6 | 235. | 2365.1 | 243. | 2367.5 | 248. | 2375.0 | 249. | .0 | 0. | 115000 |
| NC | .130 | .090 | .070 | .0 | .0 | | | | | | 116000 |
| QT | 6. | 2507. | 5208. | 8314. | 9918. | 13722. | 9918. | 0. | 0. | 0. | 117000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 75.00 | 195.00 | .00 | 118000 |

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|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|--------|
| X1 | 7.28 | 12. | 85. | 183. | 1040. | 1040. | 1040. | .00 | .00 | 0. | 119000 |
| GR | 2409.7 | 0. | 2376.9 | 70. | 2369.7 | 85. | 2366.4 | 91. | 2365.0 | 110. | 120000 |
| GR | 2365.0 | 137. | 2366.4 | 163. | 2377.9 | 183. | 2374.1 | 243. | 2378.2 | 277. | 121000 |
| GR | 2378.1 | 329. | 2400.0 | 365. | .0 | 0. | .0 | 0. | .0 | 0. | 122000 |
| NC | .100 | .100 | .055 | .0 | .0 | | | | | | 123000 |
| QT | 6. | 2500. | 5200. | 8300. | 9900. | 13700. | 9900. | 0. | 0. | 0. | 124000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 125000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 7.41 | 31. | 136. | 249. | 640. | 520. | 640. | .00 | .00 | 0. | 126000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.0 | 44. | 2384.0 | 114. | 127000 |
| GR | 2384.7 | 114. | 2385.1 | 119. | 2384.1 | 125. | 2377.4 | 136. | 2374.5 | 159. | 128000 |
| GR | 2373.7 | 167. | 2373.0 | 171. | 2372.8 | 175. | 2372.8 | 181. | 2371.7 | 186. | 129000 |
| GR | 2371.6 | 197. | 2371.8 | 209. | 2372.9 | 216. | 2373.3 | 218. | 2373.4 | 223. | 130000 |
| GR | 2375.2 | 237. | 2377.6 | 249. | 2378.5 | 254. | 2383.1 | 269. | 2381.2 | 281. | 131000 |
| GR | 2380.4 | 290. | 2379.8 | 300. | 2376.9 | 312. | 2381.8 | 408. | 2395.0 | 420. | 132000 |
| GR | 2400.0 | 426. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 133000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 133100 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 7.41 | 28. | 112. | 250. | 40. | 40. | 40. | .00 | .00 | 0. | 134000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.9 | 43. | 2384.8 | 46. | 135000 |
| GR | 2385.4 | 112. | 2378.5 | 112. | 2376.4 | 139. | 2374.9 | 151. | 2374.5 | 169. | 136000 |
| GR | 2373.2 | 174. | 2372.3 | 180. | 2372.7 | 188. | 2372.3 | 200. | 2373.3 | 211. | 137000 |
| GR | 2373.4 | 216. | 2374.1 | 223. | 2374.5 | 223. | 2378.1 | 242. | 2378.2 | 250. | 138000 |
| GR | 2385.3 | 250. | 2385.3 | 252. | 2384.9 | 272. | 2381.3 | 351. | 2381.3 | 368. | 139000 |
| GR | 2380.7 | 388. | 2380.7 | 396. | 2400.0 | 426. | .0 | 0. | .0 | 0. | 140000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 140100 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 7.41 | 35. | 112. | 250. | 1. | 1. | 1. | .00 | .00 | 0. | 141000 |
| BT | 10.0 | 46.0 | 2384.8 | .0 | 110.0 | 2385.4 | .0 | 110.0 | 2387.5 | .0 | 142000 |
| BT | 112.0 | 2387.5 | .0 | 112.0 | 2387.5 | 2382.4 | 250.0 | 2387.5 | 2382.4 | 250.0 | 143000 |
| BT | 2387.5 | .0 | 252.0 | 2387.5 | .0 | 252.0 | 2385.3 | .0 | 272.0 | 2384.9 | 144000 |
| BT | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 145000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.9 | 43. | 2384.8 | 46. | 146000 |
| GR | 2385.4 | 110. | 2385.4 | 112. | 2378.5 | 112. | 2376.4 | 139. | 2374.9 | 151. | 147000 |
| GR | 2382.4 | 151. | 2382.4 | 153. | 2374.8 | 153. | 2374.5 | 169. | 2373.2 | 174. | 148000 |
| GR | 2372.3 | 180. | 2372.7 | 188. | 2372.3 | 200. | 2373.3 | 211. | 2382.4 | 211. | 149000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| GR | 2382.4 | 213. | 2373.8 | 213. | 2373.4 | 216. | 2374.1 | 223. | 2374.5 | 223. | 150000 |
| GR | 2378.1 | 242. | 2378.2 | 250. | 2385.3 | 250. | 2385.3 | 252. | 2384.9 | 272. | 151000 |
| GR | 2381.3 | 351. | 2381.3 | 368. | 2380.7 | 388. | 2380.7 | 396. | 2400.0 | 426. | 152000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 152100 |

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|----|------|------|------|-----|-----|-----|------|--------|--------|-----|--------|
| X1 | 7.41 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 153000 |
| X2 | 0. | .00 | 0. | .0 | .0 | .00 | 1. | .00 | .0 | 0. | 154000 |
| NC | .100 | .100 | .045 | .0 | .0 | | | | | | 155000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 155100 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 7.41 | 28. | 112. | 250. | 1. | 1. | 1. | .00 | .00 | 0. | 156000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.9 | 43. | 2384.8 | 46. | 157000 |
| GR | 2385.4 | 112. | 2378.5 | 112. | 2376.4 | 139. | 2374.9 | 151. | 2374.5 | 169. | 158000 |
| GR | 2373.2 | 174. | 2372.3 | 180. | 2372.7 | 188. | 2372.3 | 200. | 2373.3 | 211. | 159000 |
| GR | 2373.4 | 216. | 2374.1 | 223. | 2374.5 | 223. | 2378.1 | 242. | 2378.2 | 250. | 160000 |
| GR | 2385.3 | 250. | 2385.3 | 252. | 2384.9 | 272. | 2381.3 | 351. | 2381.3 | 368. | 161000 |
| GR | 2380.7 | 388. | 2380.7 | 396. | 2400.0 | 426. | .0 | 0. | .0 | 0. | 162000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 162100 |

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|----|--------|-------|--------|-------|--------|--------|--------|-------|--------|------|--------|
| X1 | 7.41 | 31. | 136. | 249. | 10. | 10. | 10. | .00 | .00 | 0. | 163000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.0 | 44. | 2384.0 | 114. | 164000 |
| GR | 2384.7 | 114. | 2385.1 | 119. | 2384.1 | 125. | 2377.4 | 136. | 2374.5 | 159. | 165000 |
| GR | 2373.7 | 167. | 2373.0 | 171. | 2372.8 | 175. | 2372.8 | 181. | 2371.7 | 186. | 166000 |
| GR | 2371.6 | 197. | 2371.8 | 209. | 2372.9 | 216. | 2373.3 | 218. | 2373.4 | 223. | 167000 |
| GR | 2375.2 | 237. | 2377.6 | 249. | 2378.5 | 254. | 2383.1 | 269. | 2381.4 | 280. | 168000 |
| GR | 2381.3 | 350. | 2381.3 | 368. | 2380.7 | 389. | 2380.7 | 397. | 2395.0 | 420. | 169000 |
| GR | 2400.0 | 426. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 170000 |
| NC | .150 | .130 | .060 | .0 | .0 | | | | | | 171000 |
| QT | 6. | 2082. | 4200. | 6882. | 8282. | 11482. | 8282. | 0. | 0. | 0. | 172000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 45.00 | 215.00 | .00 | 173000 |

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|----|--------|-------|--------|-------|--------|--------|--------|-------|--------|------|--------|
| X1 | 7.58 | 16. | 53. | 206. | 890. | 890. | 890. | .00 | .00 | 0. | 174000 |
| GR | 2420.4 | 0. | 2392.0 | 53. | 2386.1 | 74. | 2383.0 | 88. | 2382.0 | 105. | 175000 |
| GR | 2382.0 | 155. | 2382.9 | 174. | 2391.1 | 206. | 2391.1 | 216. | 2389.3 | 231. | 176000 |
| GR | 2389.4 | 310. | 2392.6 | 328. | 2392.6 | 350. | 2392.5 | 351. | 2393.1 | 486. | 177000 |
| GR | 2424.1 | 558. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 178000 |
| NC | .130 | .120 | .060 | .0 | .0 | | | | | | 179000 |
| QT | 6. | 2040. | 4200. | 6840. | 8240. | 11440. | 8240. | 0. | 0. | 0. | 180000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 25.00 | 135.00 | .00 | 181000 |

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|----|--------|------|--------|------|--------|-------|--------|-------|--------|------|--------|
| X1 | 7.99 | 14. | 32. | 125. | 2200. | 2320. | 2200. | .00 | .00 | 0. | 182000 |
| GR | 2440.0 | 0. | 2418.9 | 32. | 2406.7 | 45. | 2403.8 | 53. | 2403.8 | 89. | 183000 |
| GR | 2405.0 | 95. | 2406.8 | 95. | 2417.4 | 125. | 2422.0 | 228. | 2422.0 | 250. | 184000 |
| GR | 2419.1 | 267. | 2432.1 | 307. | 2445.2 | 367. | 2459.7 | 418. | .0 | 0. | 185000 |
| NC | .150 | .120 | .075 | .0 | .0 | | | | | | 186000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 135.00 | .00 | 187000 |

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|----|--------|------|--------|------|--------|-------|--------|-------|--------|------|--------|
| X1 | 8.20 | 19. | 71. | 116. | 1090. | 1090. | 1090. | .00 | -8.40 | 0. | 188000 |
| GR | 2465.5 | 0. | 2449.0 | 41. | 2442.3 | 70. | 2441.5 | 71. | 2440.8 | 76. | 189000 |
| GR | 2437.5 | 86. | 2434.4 | 96. | 2435.0 | 106. | 2441.3 | 116. | 2441.5 | 125. | 190000 |
| GR | 2442.3 | 126. | 2444.5 | 137. | 2454.0 | 146. | 2455.1 | 167. | 2457.7 | 175. | 191000 |
| GR | 2457.7 | 194. | 2456.9 | 198. | 2460.0 | 200. | 2465.0 | 202. | .0 | 0. | 192000 |
| NC | .150 | .120 | .065 | .0 | .0 | | | | | | 192100 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 135.00 | .00 | 192110 |

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|----|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|
| X1 | 8.35 | 19. | 71. | 116. | 770. | 770. | 770. | .00 | .00 | 0. | 193000 |
| GR | 2465.5 | 0. | 2449.0 | 41. | 2442.3 | 70. | 2441.5 | 71. | 2440.8 | 76. | 193100 |
| GR | 2440.0 | 78. | 2440.0 | 96. | 2440.0 | 114. | 2441.3 | 116. | 2441.5 | 125. | 193200 |
| GR | 2442.3 | 126. | 2444.5 | 137. | 2454.0 | 146. | 2455.1 | 167. | 2457.7 | 175. | 193300 |
| GR | 2457.7 | 194. | 2456.9 | 198. | 2460.0 | 200. | 2465.0 | 202. | .0 | 0. | 193400 |
| QT | 6. | 1200. | 2600. | 4300. | 5200. | 7400. | 5200. | 0. | 0. | 0. | 194000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 160.00 | .00 | 195000 |

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|----|--------|------|--------|------|--------|------|--------|-------|--------|------|--------|
| X1 | 8.39 | 12. | 75. | 130. | 240. | 110. | 160. | .00 | .00 | 0. | 196000 |
| GR | 2469.5 | 0. | 2461.0 | 22. | 2460.2 | 55. | 2451.0 | 75. | 2446.0 | 86. | 197000 |
| GR | 2444.4 | 90. | 2444.4 | 95. | 2444.5 | 103. | 2445.6 | 113. | 2450.3 | 130. | 198000 |
| GR | 2457.3 | 157. | 2475.0 | 181. | .0 | 0. | .0 | 0. | .0 | 0. | 199000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 160.00 | .00 | 200000 |

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|----|------|------|------|-----|-------|------|--------|-------|--------|--------|--------|
| X1 | 8.39 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 201000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 45.80 | 3.00 | 574.00 | 1.46 | 2445.5 | 2445.5 | 202000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 160.00 | .00 | 203000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 8.39 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 204000 |
| Y2 | 0. | .00 | 1. | 2455.5 | 2459.0 | .00 | 0. | .00 | .0 | 0. | 205000 |
| BT | 11.0 | .0 | 2472.0 | .0 | 5.0 | 2467.5 | .0 | 22.0 | 2461.0 | .0 | 206000 |
| BT | 55.0 | 2460.2 | .0 | 57.0 | 2459.0 | .0 | 75.0 | 2459.0 | .0 | 75.0 | 207000 |
| BT | 2461.0 | .0 | 80.0 | 2461.3 | .0 | 160.0 | 2461.3 | .0 | 162.0 | 2461.1 | 208000 |
| BJ | .0 | 181.2 | 2475.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 209000 |
| NC | .150 | .120 | .055 | .0 | .0 | | | | | | 210000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 160.00 | .00 | 211000 |

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|----|------|------|------|------|------|------|------|--------|--------|------|--------|
| X1 | 8.39 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 212000 |
| NH | 4. | .120 | 220. | .060 | 288. | .080 | 480. | .200 | 753. | .000 | 213000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 210.00 | 300.00 | .00 | 214000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 8.53 | 19. | 220. | 288. | 680. | 800. | 680. | .00 | .00 | 0. | 215000 |
| GR | 2513.5 | 0. | 2477.3 | 60. | 2469.2 | 80. | 2470.6 | 94. | 2470.6 | 115. | 216000 |
| GR | 2462.7 | 156. | 2457.6 | 220. | 2455.0 | 229. | 2452.5 | 230. | 2452.5 | 273. | 217000 |
| GR | 2455.0 | 273. | 2463.0 | 288. | 2464.9 | 318. | 2463.4 | 387. | 2463.4 | 448. | 218000 |
| GR | 2464.7 | 480. | 2464.7 | 661. | 2490.3 | 729. | 2513.4 | 753. | .0 | 0. | 219000 |
| NC | .100 | .130 | .060 | .0 | .0 | | | | | | 220000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 720.00 | 870.00 | .00 | 222000 |

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|------|--------|
| X1 | 8.76 | 24. | 726. | 860. | 1240. | 1080. | 1160. | .00 | .00 | .00 | 0. | 223000 |
| GR | 2512.8 | 0. | 2504.9 | 147. | 2492.5 | 297. | 2490.2 | 310. | 2490.2 | 323. | 323. | 224000 |
| GR | 2486.9 | 356. | 2480.1 | 453. | 2478.2 | 500. | 2479.5 | 595. | 2476.2 | 631. | 631. | 225000 |
| GR | 2477.5 | 641. | 2477.5 | 662. | 2475.3 | 595. | 2475.6 | 726. | 2468.0 | 756. | 756. | 226000 |
| GR | 2466.8 | 775. | 2466.8 | 825. | 2468.0 | 843. | 2472.0 | 860. | 2478.5 | 888. | 888. | 227000 |
| GR | 2482.0 | 934. | 2482.0 | 948. | 2490.1 | 971. | 2505.4 | 1016. | .0 | 0. | 0. | 228000 |
| NC | .100 | .100 | .055 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 229000 |
| OT | 6. | 1173. | 2546. | 4219. | 5092. | 7238. | 5092. | 0. | 0. | 0. | 0. | 230000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 190.00 | 295.00 | .00 | .00 | 231000 |

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|----|--------|------|--------|------|--------|-------|--------|--------|--------|------|------|--------|
| X1 | 8.94 | 18. | 195. | 285. | 760. | 1000. | 680. | .00 | .00 | .00 | 0. | 232000 |
| GR | 2505.0 | 0. | 2494.4 | 0. | 2492.5 | 95. | 2492.0 | 141. | 2489.1 | 160. | 160. | 233000 |
| GR | 2489.3 | 195. | 2481.5 | 222. | 2481.1 | 229. | 2480.5 | 233. | 2480.4 | 239. | 239. | 234000 |
| GR | 2479.9 | 250. | 2479.8 | 257. | 2481.2 | 274. | 2483.9 | 285. | 2486.0 | 302. | 302. | 235000 |
| GR | 2488.9 | 331. | 2489.6 | 450. | 2501.0 | 494. | .0 | .0 | .0 | 0. | 0. | 236000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 190.00 | 295.00 | .00 | .00 | 236100 |

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|----|------|------|------|-----|-------|------|--------|--------|--------|--------|--------|--------|
| X1 | 8.94 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | .00 | 0. | 237000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 190.00 | 295.00 | .00 | .00 | 238000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 51.60 | 4.00 | 729.30 | 1.70 | 2480.5 | 2480.5 | 2480.5 | 239000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 8.94 | 20. | 195. | 285. | 30. | 30. | 30. | .00 | .00 | .00 | 0. | 240000 |
| X2 | 0. | .00 | 1. | 2491.5 | 2492.0 | .00 | .00 | .00 | .00 | .00 | 0. | 241000 |
| BT | 12.0 | .0 | 2505.0 | .0 | 2494.4 | .0 | 95.0 | 2492.5 | .0 | .0 | 0. | 242000 |
| PT | 141.0 | 2492.0 | .0 | 197.0 | 2493.7 | .0 | 197.0 | 2495.5 | .0 | 285.0 | 285.0 | 243000 |
| RT | 2495.5 | .0 | 285.0 | 2493.7 | .0 | 300.0 | 2493.6 | .0 | 400.0 | 2493.4 | 2493.4 | 244000 |
| BT | .0 | 500.0 | 2493.6 | .0 | 526.0 | 2501.0 | .0 | .0 | .0 | .0 | 0. | 245000 |
| GR | 2505.0 | 0. | 2494.4 | 0. | 2492.5 | 95. | 2492.0 | 141. | 2489.1 | 160. | 160. | 246000 |
| GR | 2489.3 | 195. | 2481.5 | 222. | 2481.1 | 229. | 2480.5 | 233. | 2480.4 | 239. | 239. | 247000 |
| GR | 2479.9 | 250. | 2479.8 | 257. | 2481.2 | 274. | 2483.9 | 285. | 2486.0 | 302. | 302. | 248000 |
| GR | 2488.9 | 331. | 2492.0 | 370. | 2492.0 | 405. | 2493.6 | 500. | 2501.0 | 526. | 526. | 249000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 190.00 | 295.00 | .00 | .00 | 250000 |

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|----|------|-------|-------|-------|-------|-------|-------|--------|--------|-----|-----|--------|
| X1 | 8.94 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | .00 | 0. | 251000 |
| NC | .100 | .070 | .055 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 252000 |
| OT | 6. | 1165. | 2530. | 4195. | 5060. | 7190. | 5060. | 0. | 0. | 0. | 0. | 253000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 120.00 | 220.00 | .00 | .00 | 254000 |

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|------|--------|
| X1 | 9.10 | 19. | 130. | 210. | 840. | 800. | 840. | .00 | .00 | .00 | 0. | 255000 |
| GR | 2538.5 | 0. | 2512.2 | 49. | 2512.2 | 86. | 2502.6 | 118. | 2497.5 | 130. | 130. | 256000 |
| GR | 2493.4 | 139. | 2492.2 | 155. | 2492.2 | 180. | 2493.4 | 193. | 2497.5 | 210. | 210. | 257000 |
| GR | 2501.4 | 227. | 2501.6 | 241. | 2501.8 | 260. | 2505.5 | 284. | 2505.5 | 441. | 441. | 258000 |
| GR | 2508.8 | 472. | 2512.6 | 637. | 2520.3 | 785. | 2528.0 | 884. | .0 | 0. | 0. | 259000 |
| NC | .120 | .120 | .065 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 260000 |
| OT | 6. | 1159. | 2518. | 4177. | 5036. | 7154. | 5036. | 0. | 0. | 0. | 0. | 261000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 330.00 | .00 | .00 | 262000 |

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|--------|
| X1 | 9.22 | 12. | 250. | 323. | 640. | 640. | 640. | .00 | .00 | 0. | 263000 |
| GR | 2516.7 | 150. | 2512.9 | 169. | 2509.7 | 189. | 2503.9 | 203. | 2502.3 | 250. | 264000 |
| GR | 2500.1 | 272. | 2500.7 | 322. | 2501.0 | 323. | 2508.9 | 337. | 2511.0 | 425. | 265000 |
| GR | 2512.3 | 537. | 2515.5 | 560. | .0 | 0. | .0 | 0. | .0 | 0. | 266000 |
| NC | .120 | .120 | .065 | .0 | .0 | | | | | | 267000 |
| QT | 6. | 1154. | 2508. | 4162. | 5016. | 7124. | 5016. | 0. | 0. | 0. | 268000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 210.00 | 305.00 | .00 | 269000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 9.32 | 19. | 221. | 295. | 560. | 640. | 550. | .00 | .00 | 0. | 270000 |
| GR | 2522.9 | 40. | 2522.7 | 50. | 2515.1 | 139. | 2514.2 | 180. | 2510.5 | 191. | 271000 |
| GR | 2511.0 | 200. | 2510.5 | 209. | 2506.0 | 221. | 2505.0 | 237. | 2507.4 | 251. | 272000 |
| GR | 2505.7 | 266. | 2506.0 | 295. | 2509.1 | 306. | 2520.6 | 324. | 2524.0 | 400. | 273000 |
| GR | 2520.1 | 495. | 2524.0 | 550. | 2527.0 | 629. | 2530.0 | 690. | .0 | 0. | 274000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 210.00 | 305.00 | .00 | 276000 |

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|--------|
| X1 | 9.33 | 18. | 221. | 295. | 50. | 50. | 50. | .00 | .00 | 0. | 277000 |
| GR | 2522.9 | 40. | 2522.7 | 50. | 2515.1 | 139. | 2514.2 | 180. | 2510.5 | 191. | 278000 |
| GR | 2511.0 | 200. | 2510.5 | 209. | 2506.0 | 221. | 2505.0 | 237. | 2507.4 | 251. | 279000 |
| GR | 2505.7 | 266. | 2506.0 | 295. | 2509.1 | 306. | 2524.0 | 400. | 2520.1 | 495. | 280000 |
| GR | 2524.0 | 550. | 2527.0 | 629. | 2530.0 | 690. | .0 | 0. | .0 | 0. | 281000 |
| NC | .150 | .120 | .065 | .0 | .0 | | | | | | 282000 |
| QT | 6. | 1149. | 2497. | 4146. | 4994. | 7091. | 4994. | 0. | 0. | 0. | 283000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 265.00 | 365.00 | .00 | 284000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 9.43 | 20. | 272. | 355. | 530. | 530. | 530. | .00 | .00 | 0. | 285000 |
| GR | 2529.4 | 30. | 2529.4 | 40. | 2526.3 | 55. | 2526.5 | 155. | 2522.2 | 174. | 286000 |
| GR | 2521.3 | 225. | 2527.9 | 231. | 2530.0 | 250. | 2514.3 | 272. | 2513.3 | 274. | 287000 |
| GR | 2513.7 | 300. | 2515.6 | 355. | 2528.9 | 371. | 2528.3 | 439. | 2527.6 | 446. | 288000 |
| GR | 2530.9 | 454. | 2534.6 | 545. | 2535.2 | 640. | 2533.2 | 734. | 2535.1 | 747. | 289000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 480.00 | 620.00 | .00 | 291000 |

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|--------|
| X1 | 9.67 | 25. | 548. | 605. | 1160. | 1160. | 1160. | .00 | .00 | 0. | 292000 |
| GR | 2595.2 | 0. | 2568.4 | 100. | 2563.4 | 138. | 2560.3 | 320. | 2559.7 | 423. | 293000 |
| GR | 2557.8 | 439. | 2557.8 | 446. | 2559.6 | 447. | 2559.6 | 487. | 2552.2 | 548. | 294000 |
| GR | 2548.0 | 549. | 2548.0 | 600. | 2552.5 | 605. | 2562.4 | 615. | 2564.4 | 626. | 295000 |
| GR | 2562.7 | 644. | 2560.5 | 677. | 2560.5 | 694. | 2557.6 | 713. | 2560.7 | 746. | 296000 |
| GR | 2560.7 | 1018. | 2562.3 | 1127. | 2560.3 | 1204. | 2564.7 | 1297. | 2585.0 | 1365. | 297000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 480.00 | 620.00 | .00 | 298000 |

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|--------|
| X1 | 9.67 | 25. | 510. | 610. | 30. | 30. | 30. | .00 | .00 | 0. | 299000 |
| GR | 2595.2 | 0. | 2568.4 | 100. | 2563.4 | 138. | 2560.3 | 320. | 2559.7 | 423. | 300000 |
| GR | 2557.8 | 439. | 2557.8 | 446. | 2559.6 | 447. | 2559.6 | 487. | 2556.7 | 510. | 301000 |
| GR | 2556.4 | 511. | 2556.4 | 609. | 2557.0 | 610. | 2562.4 | 615. | 2564.4 | 626. | 302000 |
| GR | 2562.7 | 644. | 2560.5 | 677. | 2560.5 | 694. | 2557.6 | 713. | 2560.7 | 746. | 303000 |
| GR | 2560.7 | 1018. | 2562.3 | 1127. | 2560.3 | 1204. | 2564.7 | 1297. | 2585.0 | 1365. | 304000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 480.00 | 620.00 | .00 | 305000 |

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|--------|
| X1 | 9.67 | 25. | 525. | 610. | 30. | 30. | 30. | .00 | .00 | 0. | 306000 |
| GR | 2595.2 | 0. | 2568.4 | 100. | 2563.4 | 138. | 2560.3 | 320. | 2559.7 | 423. | 307000 |
| GR | 2557.8 | 439. | 2557.8 | 446. | 2559.6 | 447. | 2559.6 | 487. | 2554.7 | 525. | 308000 |
| GR | 2554.0 | 530. | 2554.0 | 607. | 2557.0 | 610. | 2562.4 | 615. | 2564.4 | 626. | 309000 |
| GR | 2562.7 | 644. | 2560.5 | 677. | 2560.5 | 694. | 2557.6 | 713. | 2560.7 | 746. | 310000 |
| GR | 2560.7 | 1018. | 2562.3 | 1127. | 2560.3 | 1204. | 2564.7 | 1297. | 2585.0 | 1365. | 311000 |
| NC | .150 | .120 | .065 | .0 | .0 | | | | | | 312000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 290.00 | 390.00 | .00 | 314000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 9.62 | 18. | 300. | 380. | 740. | 740. | 740. | .00 | .00 | 0. | 315000 |
| GR | 2578.4 | 38. | 2578.3 | 49. | 2572.0 | 66. | 2572.0 | 122. | 2574.0 | 127. | 316000 |
| GR | 2573.9 | 175. | 2576.9 | 202. | 2577.1 | 264. | 2573.0 | 287. | 2573.8 | 300. | 317000 |
| GR | 2570.0 | 309. | 2569.6 | 320. | 2569.6 | 359. | 2573.8 | 380. | 2577.6 | 423. | 318000 |
| GR | 2577.2 | 440. | 2579.0 | 453. | 2579.3 | 465. | .0 | 0. | .0 | 0. | 319000 |
| NC | .150 | .150 | .065 | .0 | .0 | | | | | | 320000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 255.00 | 350.00 | .00 | 322000 |

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|--------|
| X1 | 9.94 | 14. | 265. | 340. | 630. | 630. | 630. | .00 | .00 | 0. | 323000 |
| GR | 2595.9 | 50. | 2595.9 | 61. | 2591.5 | 81. | 2587.0 | 95. | 2587.0 | 120. | 324000 |
| GR | 2586.9 | 128. | 2588.5 | 204. | 2586.4 | 218. | 2588.3 | 225. | 2588.9 | 265. | 325000 |
| GR | 2584.0 | 300. | 2583.7 | 340. | 2591.1 | 360. | 2595.0 | 375. | .0 | 0. | 326000 |
| QT | 6. | 1118. | 2435. | 4053. | 4870. | 6905. | 4870. | 0. | 0. | 0. | 327000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 130.00 | 225.00 | .00 | 328000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 10.05 | 13. | 145. | 209. | 530. | 530. | 530. | .00 | .00 | 0. | 329000 |
| GR | 2616.4 | 60. | 2612.2 | 86. | 2612.2 | 99. | 2600.4 | 140. | 2597.2 | 145. | 330000 |
| GR | 2592.9 | 151. | 2591.2 | 161. | 2591.2 | 175. | 2599.1 | 209. | 2604.2 | 274. | 331000 |
| GR | 2606.0 | 376. | 2609.2 | 464. | 2612.4 | 565. | .0 | 0. | .0 | 0. | 332000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 130.00 | 225.00 | .00 | 332100 |

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|----|-------|------|------|-----|-------|------|--------|--------|--------|--------|--------|
| X1 | 10.05 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 333000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 130.00 | 225.00 | .00 | 333100 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 55.90 | 8.00 | 755.40 | 1.25 | 2591.2 | 2591.2 | 334000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 10.05 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 335000 |
| X2 | 0. | .00 | 1. | 2603.2 | 2605.7 | .00 | 0. | .00 | .0 | 0. | 336000 |
| BT | 12.0 | 60.0 | 2616.4 | .0 | 86.0 | 2612.2 | .0 | 99.0 | 2612.2 | .0 | 337000 |
| BT | 120.0 | 2606.0 | .0 | 135.0 | 2605.7 | .0 | 135.0 | 2607.2 | .0 | 219.0 | 338000 |
| BT | 2607.9 | .0 | 219.0 | 2606.1 | .0 | 235.0 | 2606.4 | .0 | 290.0 | 2606.9 | 339000 |
| BT | .0 | 407.0 | 2607.2 | .0 | 565.0 | 2612.4 | .0 | .0 | .0 | .0 | 340000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 130.00 | 225.00 | .00 | 340100 |

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| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|--------|--------|-----|--------|
| X1 | 10.05 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 341000 |
| QT | 6. | 1100. | 2400. | 4000. | 4800. | 6800. | 4800. | 0. | 0. | 0. | 342000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 500.00 | 590.00 | .00 | 343000 |

| | | | | | | | | | | | |
|----|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| X1 | 10.36 | 24. | 509. | 579. | 1640. | 1640. | 1640. | .00 | .00 | 0. | 344000 |
| GR | 2690.1 | 0. | 2657.3 | 52. | 2644.4 | 137. | 2642.4 | 170. | 2639.0 | 231. | 345000 |
| GR | 2642.0 | 401. | 2645.1 | 457. | 2645.0 | 470. | 2644.9 | 482. | 2634.0 | 509. | 346000 |
| GR | 2632.4 | 509. | 2632.4 | 544. | 2634.2 | 544. | 2635.4 | 547. | 2635.4 | 558. | 347000 |
| GR | 2634.2 | 560. | 2632.3 | 560. | 2632.3 | 579. | 2634.2 | 579. | 2642.3 | 606. | 348000 |
| GR | 2652.7 | 638. | 2653.8 | 782. | 2661.0 | 822. | 2695.1 | 888. | .0 | 0. | 349000 |
| EJ | | | | | | | | | | | 350000 |

THIS RUN EXECUTED 07/15/86, 3:37 PM

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|--------------|-----|-------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK1 | 003 | 61000 |
| T2 | 100-YEAR FLOODWAY | H011270 JHN | 003 | 62000 |
| T3 | RAVEN FORK | | 003 | 63000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|--------|
| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ | |
| | 0. | 7. | 0. | 0. | .00000 | 0. | .00 | 0. | 2302.10 | .00 | 364000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|--------|
| J2 | NPROF | IPL0T | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE | |
| | 15. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 365000 |

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR = 01,02,03,04,05,06
 MODIFICATION = 50,51,52,53,54

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

RAVEN FORK

SUMMARY PRINTOUT TABLE 110

| SECNO | CWSEL | DIFKWS | EG | TOPWID | PERENC | STENCL | STENCR | STCHL | STCHR | QLOB | QCH | QROB |
|-------|---------|--------|---------|--------|--------|--------|--------|-------|-------|------|-------|-------|
| 5.960 | 2302.10 | .00 | 2304.36 | 172. | 0. | 0. | 0. | 352. | 434. | 168. | 8753. | 1199. |
| 5.960 | 2302.10 | .00 | 2305.03 | 105. | 105. | 340. | 445. | 352. | 434. | 186. | 9575. | 359. |
| 6.140 | 2310.75 | .00 | 2312.54 | 144. | 0. | 0. | 0. | 370. | 456. | 327. | 9678. | 87. |
| 6.140 | 2311.30 | .55 | 2312.99 | 104. | 105. | 360. | 465. | 370. | 456. | 153. | 9837. | 102. |
| 6.250 | 2317.05 | .00 | 2318.67 | 160. | 0. | 0. | 0. | 445. | 525. | 0. | 7433. | 2642. |
| 6.250 | 2317.28 | .23 | 2319.16 | 117. | 130. | 435. | 565. | 445. | 525. | 0. | 8021. | 2054. |
| 6.410 | 2323.39 | .00 | 2325.10 | 205. | 0. | 0. | 0. | 250. | 335. | 352. | 9245. | 454. |
| 6.410 | 2323.76 | .37 | 2325.59 | 105. | 105. | 240. | 345. | 250. | 335. | 153. | 9702. | 196. |
| 6.410 | 2323.94 | .00 | 2325.41 | 229. | 0. | 0. | 0. | 250. | 335. | 369. | 9099. | 584. |
| 6.410 | 2324.20 | .26 | 2325.88 | 105. | 105. | 240. | 345. | 250. | 335. | 155. | 9690. | 206. |
| 6.410 | 2326.57 | .00 | 2327.24 | 437. | 0. | 0. | 0. | 250. | 335. | 473. | 8120. | 1458. |
| 6.410 | 2327.52 | .95 | 2328.48 | 105. | 105. | 240. | 345. | 250. | 335. | 159. | 9639. | 253. |
| 6.410 | 2326.48 | .00 | 2327.70 | 191. | 0. | 0. | 0. | 250. | 335. | 234. | 9531. | 286. |
| 6.410 | 2327.52 | 1.03 | 2328.61 | 105. | 105. | 240. | 345. | 250. | 335. | 140. | 9702. | 209. |
| 6.500 | 2328.19 | .00 | 2329.32 | 307. | 0. | 0. | 0. | 264. | 341. | 357. | 8762. | 933. |
| 6.500 | 2328.85 | .66 | 2330.16 | 120. | 120. | 230. | 350. | 264. | 341. | 402. | 9523. | 126. |
| 6.590 | 2332.07 | .00 | 2333.75 | 170. | 0. | 0. | 0. | 310. | 415. | 132. | 9179. | 713. |
| 6.590 | 2332.52 | .45 | 2334.23 | 125. | 125. | 300. | 425. | 310. | 415. | 78. | 9623. | 324. |
| 6.660 | 2335.80 | .00 | 2336.74 | 247. | 0. | 0. | 0. | 328. | 430. | 317. | 8643. | 1064. |
| 6.660 | 2336.17 | .38 | 2337.29 | 120. | 120. | 320. | 440. | 328. | 430. | 83. | 9538. | 403. |
| 6.760 | 2342.41 | .00 | 2344.74 | 136. | 0. | 0. | 0. | 178. | 294. | 23. | 9950. | 25. |
| 6.760 | 2342.60 | .19 | 2344.81 | 131. | 135. | 170. | 305. | 178. | 294. | 25. | 9944. | 29. |

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| SECNO | CWSEL | DIFKWS | EG | TOPWID | PERENC | STENCL | STENCR | STCHL | STCHR | QLOB | GCH | OROB |
|-------|---------|--------|---------|--------|--------|--------|--------|-------|-------|------|-------|-------|
| 6.840 | 2349.16 | .00 | 2351.05 | 141. | 0. | 0. | 0. | 178. | 294. | 36. | 9916. | 46. |
| 6.840 | 2349.07 | -.09 | 2351.00 | 133. | 135. | 170. | 305. | 178. | 294. | 30. | 9926. | 43. |
| 6.920 | 2354.00 | .00 | 2354.90 | 458. | 0. | 0. | 0. | 43. | 140. | 1. | 5279. | 4693. |
| 6.920 | 2354.00 | -.00 | 2354.92 | 209. | 270. | 35. | 305. | 43. | 140. | 1. | 5282. | 4690. |
| 7.090 | 2363.00 | .00 | 2366.44 | 130. | 0. | 0. | 0. | 125. | 189. | 458. | 9463. | 26. |
| 7.090 | 2363.08 | .08 | 2366.71 | 79. | 80. | 115. | 195. | 125. | 189. | 226. | 9693. | 29. |
| 7.280 | 2376.72 | .00 | 2377.77 | 194. | 0. | 0. | 0. | 85. | 183. | 108. | 8828. | 982. |
| 7.280 | 2377.13 | .41 | 2378.34 | 120. | 120. | 75. | 195. | 85. | 183. | 119. | 9542. | 257. |
| 7.410 | 2381.71 | .00 | 2383.19 | 264. | 0. | 0. | 0. | 136. | 249. | 33. | 9024. | 843. |
| 7.410 | 2382.16 | .45 | 2383.81 | 138. | 170. | 100. | 270. | 136. | 249. | 42. | 9741. | 118. |
| 7.410 | 2382.07 | .00 | 2383.65 | 202. | 0. | 0. | 0. | 112. | 250. | 0. | 9819. | 81. |
| 7.410 | 2382.89 | .82 | 2384.19 | 138. | 170. | 100. | 270. | 112. | 250. | 0. | 9900. | 0. |
| 7.410 | 2382.02 | .00 | 2383.73 | 197. | 0. | 0. | 0. | 112. | 250. | 0. | 9809. | 91. |
| 7.410 | 2382.76 | .75 | 2384.35 | 138. | 170. | 100. | 270. | 112. | 250. | 0. | 9900. | 0. |
| 7.410 | 2383.07 | .00 | 2384.45 | 225. | 0. | 0. | 0. | 112. | 250. | 0. | 9450. | 450. |
| 7.410 | 2383.70 | .63 | 2385.29 | 138. | 170. | 100. | 270. | 112. | 250. | 0. | 9900. | 0. |
| 7.410 | 2383.44 | .00 | 2384.49 | 234. | 0. | 0. | 0. | 112. | 250. | 0. | 9659. | 241. |
| 7.410 | 2384.46 | 1.02 | 2385.36 | 138. | 170. | 100. | 270. | 112. | 250. | 0. | 9900. | 0. |
| 7.410 | 2383.46 | .00 | 2384.54 | 275. | 0. | 0. | 0. | 136. | 249. | 49. | 9312. | 539. |
| 7.410 | 2384.44 | .98 | 2385.43 | 161. | 170. | 100. | 270. | 136. | 249. | 69. | 9652. | 179. |
| 7.580 | 2390.18 | .00 | 2391.46 | 234. | 0. | 0. | 0. | 53. | 206. | 0. | 8207. | 75. |
| 7.580 | 2390.39 | .22 | 2391.63 | 145. | 170. | 45. | 215. | 53. | 206. | 0. | 8282. | 0. |
| 7.990 | 2416.00 | .00 | 2417.84 | 86. | 0. | 0. | 0. | 32. | 125. | 0. | 8240. | 0. |
| 7.990 | 2415.83 | -.17 | 2417.74 | 85. | 110. | 25. | 135. | 32. | 125. | 0. | 8240. | 0. |
| 8.200 | 2439.17 | .00 | 2442.75 | 93. | 0. | 0. | 0. | 71. | 116. | 228. | 7289. | 722. |
| 8.200 | 2439.32 | .15 | 2443.05 | 70. | 70. | 65. | 135. | 71. | 116. | 110. | 7466. | 664. |
| 8.350 | 2452.36 | .00 | 2454.03 | 112. | 0. | 0. | 0. | 71. | 116. | 707. | 6334. | 1199. |
| 8.350 | 2452.89 | .53 | 2454.97 | 70. | 70. | 65. | 135. | 71. | 116. | 159. | 7063. | 1018. |
| 8.390 | 2454.32 | .00 | 2456.46 | 78. | 0. | 0. | 0. | 75. | 130. | 21. | 5098. | 81. |
| 8.390 | 2455.09 | .77 | 2456.82 | 82. | 95. | 65. | 160. | 75. | 130. | 31. | 5059. | 110. |
| 8.390 | 2455.51 | .00 | 2457.07 | 85. | 0. | 0. | 0. | 75. | 130. | 37. | 5036. | 127. |
| 8.390 | 2455.88 | .37 | 2457.30 | 87. | 95. | 65. | 160. | 75. | 130. | 44. | 5015. | 142. |
| 8.390 | 2456.26 | .00 | 2457.55 | 89. | 0. | 0. | 0. | 75. | 130. | 49. | 4994. | 157. |
| 8.390 | 2456.78 | .52 | 2457.92 | 90. | 95. | 65. | 160. | 75. | 130. | 58. | 4964. | 179. |

| SECNO | CWSEL | DIFKWS | EG | TOPWID | PERENC | STENCL | STENCR | STCHL | STCHR | QLOB | QCH | QROB |
|-------|---------|---------|---------|---------|--------|--------|--------|-------|-------|-------|-------|------|
| 8.390 | 2456.33 | .00 | 2457.62 | 90. | 0. | 0. | 0. | 75. | 130. | 42. | 5022. | 136. |
| 8.390 | 2456.83 | .50 | 2457.98 | 90. | 95. | 65. | 160. | 75. | 130. | 50. | 4996. | 154. |
| 8.530 | 2462.03 | .00 | 2463.38 | 122. | 0. | 0. | 0. | 220. | 288. | 269. | 4931. | 0. |
| 8.530 | 2462.15 | .12 | 2463.59 | 76. | 90. | 210. | 300. | 220. | 288. | 113. | 5087. | 0. |
| 8.760 | 2473.79 | .00 | 2474.61 | 135. | 0. | 0. | 0. | 726. | 860. | 0. | 5193. | 7. |
| 8.760 | 2473.86 | .07 | 2474.66 | 135. | 150. | 720. | 870. | 726. | 860. | 0. | 5193. | 7. |
| 8.940 | 2486.75 | .00 | 2488.96 | 93. | 0. | 0. | 0. | 195. | 285. | 0. | 5046. | 46. |
| 8.940 | 2486.74 | -.01 | 2488.96 | 91. | 105. | 190. | 295. | 195. | 285. | 0. | 5044. | 48. |
| 8.940 | 2488.37 | .00 | 2489.59 | 115. | 0. | 0. | 0. | 195. | 285. | 0. | 4986. | 106. |
| 8.940 | 2488.36 | -.01 | 2489.60 | 97. | 105. | 190. | 295. | 195. | 285. | 0. | 5002. | 90. |
| 8.940 | 2488.79 | .00 | 2489.85 | 131. | 0. | 0. | 0. | 195. | 285. | 0. | 4961. | 131. |
| 8.940 | 2488.78 | -.00 | 2489.87 | 98. | 105. | 190. | 295. | 195. | 285. | 0. | 4994. | 98. |
| 8.940 | 2488.91 | .00 | 2489.93 | 135. | 0. | 0. | 0. | 195. | 285. | 0. | 4953. | 139. |
| 8.940 | 2488.90 | -.00 | 2489.95 | 99. | 105. | 190. | 295. | 195. | 285. | 0. | 4992. | 100. |
| 9.100 | 2499.06 | .00 | 2501.03 | 90. | 0. | 0. | 0. | 130. | 210. | 5. | 5043. | 13. |
| 9.100 | 2499.07 | .01 | 2501.03 | 91. | 100. | 120. | 220. | 130. | 210. | 5. | 5043. | 13. |
| 9.220 | 2507.84 | .00 | 2508.68 | 142. | 0. | 0. | 0. | 250. | 323. | 760. | 4177. | 99. |
| 9.220 | 2508.16 | .31 | 2509.28 | 90. | 90. | 240. | 330. | 250. | 323. | 166. | 4772. | 97. |
| 9.320 | 2513.04 | .00 | 2514.07 | 129. | 0. | 0. | 0. | 221. | 295. | 302. | 4462. | 253. |
| 9.320 | 2513.52 | .47 | 2514.53 | 95. | 95. | 210. | 305. | 221. | 295. | 177. | 4656. | 183. |
| 9.330 | 2513.74 | .00 | 2514.51 | 154. | 0. | 0. | 0. | 221. | 295. | 343. | 4317. | 356. |
| 9.330 | 2514.07 | .33 | 2514.95 | 95. | 95. | 210. | 305. | 221. | 295. | 181. | 4652. | 183. |
| 9.430 | 2520.13 | .00 | 2521.68 | 97. | 0. | 0. | 0. | 272. | 355. | 57. | 4907. | 30. |
| 9.430 | 2520.25 | .12 | 2521.74 | 96. | 100. | 265. | 365. | 272. | 355. | 58. | 4904. | 31. |
| * | 9.670 | 2554.54 | .00 | 2557.45 | 78. | 0. | 0. | 548. | 605. | 46. | 4944. | 4. |
| * | 9.670 | 2554.52 | -.02 | 2557.45 | 78. | 140. | 480. | 620. | 548. | 45. | 4945. | 4. |
| * | 9.670 | 2560.97 | .00 | 2561.99 | 739. | 0. | 0. | 510. | 610. | 577. | 4071. | 346. |
| * | 9.670 | 2560.59 | -.38 | 2562.53 | 133. | 140. | 480. | 620. | 510. | 205. | 4773. | 16. |
| 9.670 | 2561.90 | .00 | 2562.24 | 929. | 0. | 0. | 0. | 525. | 610. | 741. | 3634. | 619. |
| 9.670 | 2562.32 | .42 | 2562.92 | 135. | 140. | 480. | 620. | 525. | 610. | 428. | 4549. | 17. |
| * | 9.820 | 2575.05 | .00 | 2576.66 | 244. | 0. | 0. | 300. | 380. | 869. | 4111. | 14. |
| 9.820 | 2575.51 | .45 | 2577.75 | 100. | 100. | 290. | 390. | 300. | 380. | 50. | 4913. | 31. |
| 9.940 | 2590.31 | .00 | 2591.33 | 273. | 0. | 0. | 0. | 265. | 340. | 1157. | 3668. | 168. |
| 9.940 | 2591.18 | .07 | 2592.78 | 95. | 95. | 255. | 350. | 265. | 340. | 48. | 4758. | 188. |

| SECNO | CWSEL | DIFKWS | EG | TOPWID | PERENC | STENCL | STENCR | STCHL | STCHR | QLOB | QCH | QROB |
|--------|---------|--------|---------|--------|--------|--------|--------|-------|-------|------|-------|------|
| 10.050 | 2600.37 | .00 | 2602.42 | 85. | 0. | 0. | 0. | 145. | 209. | 14. | 4845. | 11. |
| 10.050 | 2600.74 | .36 | 2602.56 | 86. | 95. | 130. | 225. | 145. | 209. | 18. | 4831. | 21. |
| 10.050 | 2601.72 | .00 | 2603.08 | 107. | 0. | 0. | 0. | 145. | 209. | 30. | 4785. | 55. |
| 10.050 | 2601.83 | .11 | 2603.15 | 90. | 95. | 130. | 225. | 145. | 209. | 32. | 4784. | 54. |
| 10.050 | 2602.50 | .00 | 2603.59 | 120. | 0. | 0. | 0. | 145. | 209. | 42. | 4734. | 93. |
| 10.050 | 2602.57 | .06 | 2603.65 | 93. | 95. | 130. | 225. | 145. | 209. | 43. | 4753. | 74. |
| 10.050 | 2602.61 | .00 | 2603.67 | 121. | 0. | 0. | 0. | 145. | 209. | 44. | 4727. | 99. |
| 10.050 | 2602.67 | .06 | 2603.73 | 93. | 95. | 130. | 225. | 145. | 209. | 45. | 4749. | 76. |
| 10.360 | 2638.35 | .00 | 2640.68 | 95. | 0. | 0. | 0. | 509. | 579. | 71. | 4643. | 86. |
| 10.360 | 2638.34 | -.00 | 2640.67 | 90. | 90. | 500. | 590. | 509. | 579. | 73. | 4639. | 89. |

TUE, JUL 15, 1966, 3:35 PM

PAGE 44

FLOODWAY DATA, RAVEN FORK
PROFILE NO. 2

| STATION | FLOODWAY | | MEAN | | WATER SURFACE ELEVATION | |
|---------|----------|--------------|----------|----------|-------------------------|------------------|
| | WIDTH | SECTION AREA | VELOCITY | FLOODWAY | WITH FLOODWAY | WITHOUT FLOODWAY |
| | | | | | | DIFFERENCE |
| 5.960 | 105. | 803. | 12.6 | 2302.1 | 2302.1 | .0 |
| 6.140 | 105. | 1016. | 9.9 | 2311.3 | 2310.8 | .5 |
| 6.250 | 130. | 962. | 10.5 | 2317.3 | 2317.1 | .2 |
| 6.410 | 105. | 1000. | 10.0 | 2323.8 | 2323.4 | .4 |
| 6.410 | 105. | 1047. | 9.6 | 2324.2 | 2323.9 | .3 |
| 6.410 | 105. | 1396. | 7.2 | 2327.5 | 2326.6 | .9 |
| 6.410 | 105. | 1303. | 7.7 | 2327.5 | 2326.5 | 1.0 |
| 6.500 | 120. | 1313. | 7.7 | 2328.9 | 2328.2 | .7 |
| 6.590 | 125. | 1002. | 10.0 | 2332.5 | 2332.1 | .4 |
| 6.660 | 120. | 1245. | 8.0 | 2336.2 | 2335.8 | .4 |
| 6.760 | 135. | 858. | 11.7 | 2342.6 | 2342.4 | .2 |
| 6.840 | 135. | 918. | 10.9 | 2349.2 | 2349.2 | .0 |
| 6.920 | 270. | 1301. | 7.7 | 2354.0 | 2354.0 | .0 |
| 7.090 | 80. | 696. | 14.3 | 2363.1 | 2363.0 | .1 |
| 7.280 | 120. | 1187. | 8.4 | 2377.1 | 2376.7 | .4 |
| 7.410 | 170. | 997. | 9.9 | 2382.2 | 2381.7 | .5 |
| 7.410 | 170. | 1081. | 9.2 | 2382.9 | 2382.1 | .8 |
| 7.410 | 170. | 980. | 10.1 | 2382.8 | 2382.0 | .8 |
| 7.410 | 170. | 980. | 10.1 | 2383.7 | 2383.1 | .6 |
| 7.410 | 170. | 1297. | 7.6 | 2384.5 | 2383.4 | 1.1 |
| 7.410 | 170. | 1329. | 7.4 | 2384.4 | 2383.5 | .9 |
| 7.580 | 170. | 929. | 8.9 | 2390.4 | 2390.2 | .2 |
| 7.990 | 110. | 743. | 11.1 | 2416.0 | 2416.0 | .0 |
| 8.200 | 70. | 595. | 13.8 | 2439.3 | 2439.2 | .1 |
| 8.350 | 70. | 835. | 9.9 | 2452.9 | 2452.4 | .5 |
| 8.390 | 95. | 535. | 9.7 | 2455.1 | 2454.3 | .8 |
| 8.390 | 95. | 602. | 8.6 | 2455.9 | 2455.5 | .4 |
| 8.390 | 95. | 681. | 7.6 | 2456.8 | 2456.3 | .5 |
| 8.390 | 95. | 685. | 7.6 | 2456.8 | 2456.3 | .5 |
| 8.530 | 90. | 565. | 9.2 | 2462.2 | 2462.0 | .2 |
| 8.760 | 150. | 733. | 7.1 | 2473.9 | 2473.8 | .1 |
| 8.940 | 105. | 436. | 11.7 | 2486.7 | 2486.7 | .0 |
| 8.940 | 105. | 588. | 8.7 | 2488.4 | 2488.4 | .0 |
| 8.940 | 105. | 630. | 8.1 | 2488.8 | 2488.8 | .0 |
| 8.940 | 105. | 642. | 7.9 | 2488.9 | 2488.9 | .0 |
| 9.100 | 100. | 456. | 11.1 | 2499.1 | 2499.1 | .0 |
| 9.220 | 90. | 641. | 7.9 | 2508.2 | 2507.8 | .4 |
| 9.320 | 95. | 679. | 7.4 | 2513.5 | 2513.0 | .5 |
| 9.330 | 95. | 731. | 6.9 | 2514.1 | 2513.7 | .4 |
| 9.430 | 100. | 533. | 9.4 | 2520.2 | 2520.1 | .1 |
| 9.670 | 140. | 382. | 13.1 | 2554.5 | 2554.5 | .0 |
| 9.670 | 140. | 487. | 10.3 | 2561.0 | 2561.0 | .0 |

REPRODUCED FROM
FLOODWAY DATA
PROFILE NO. 2

FLOODWAY DATA, RAVEN FORK
PROFILE NO. 2

| STATION | FLOODWAY | | MEAN VELOCITY | WATER SURFACE ELEVATION | | |
|---------|----------|-----------------|------------------|-------------------------|---------------------|------------|
| | WIDTH | SECTION AREA | | WITH FLOODWAY | WITHOUT FLOODWAY | DIFFERENCE |
| 9.670 | 140. | 930. | 5.4 | 2562.3 | 2561.9 | .4 |
| 9.820 | 100. | 438. | 11.4 | 2575.5 | 2575.1 | .4 |
| 9.940 | 95. | 538. | 9.3 | 2591.2 | 2590.3 | .9 |
| 10.050 | 95. | 470. | 10.4 | 2600.7 | 2600.4 | .3 |
| 10.050 | 95. | 567. | 8.6 | 2601.8 | 2601.7 | .1 |
| 10.050 | 95. | 634. | 7.7 | 2602.6 | 2602.5 | .1 |
| 10.050 | 95. | 643. | 7.6 | 2602.7 | 2602.6 | .1 |
| 10.360 | 90. | 423. | 11.3 | 2638.3 | 2638.3 | .0 |

| T1 | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFW1 | | | | 00001000 | | |
|----------|-----------------------|--------|--------|--------|-------------------|--------|-------|----------|----------|----------|----------|
| T2 | 100-YEAR FLOOD | | | | H011270 JHN | | | | 00002000 | | |
| T3 | RAVEN FORK | | | | 100-YEAR FLOODWAY | | | | 00003000 | | |
| J1 | 5 | | | | 2302.1 | | | | 00004000 | | |
| J2 | -1 | | | | | | | | 00005000 | | |
| J3 | 110 | 0 | 200 | | | | | 00006000 | | | |
| J6 | 1 | | | | | | | | | 00006100 | |
| NC | .12 | .10 | .055 | .1 | .5 | | | | | 00007000 | |
| QT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | | | 00008000 | |
| ET | | | | | 8.11 | 340 | 445 | | | | 00009000 |
| X1 | 5.96 | 17 | 352 | 434 | 600 | 450 | 500 | | | | 00010000 |
| GR2344.8 | 0 | 2313.1 | 69 | 2305.3 | 97 | 2308.2 | 140 | 2309.2 | 189 | 00011000 | |
| GR2308.1 | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.8 | 352 | 00012000 | |
| GR2293.8 | 434 | 2295.1 | 434 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 | 00013000 | |
| GR2303.6 | 556 | 2333.2 | 601 | | | | | 00014000 | | | |
| NC | .12 | .06 | .055 | .1 | .5 | | | | | 00015000 | |
| QT | 6 | 2564 | 5285 | 8449 | 10092 | 13935 | 10092 | | | | 00016000 |
| ET | | | | | 8.11 | 360 | 465 | | | | 00017000 |
| X1 | 6.14 | 25 | 370 | 456 | 900 | 730 | 840 | | | | 00018000 |
| GR2325.0 | 73 | 2315.6 | 109 | 2313.3 | 159 | 2313.6 | 206 | 2314.1 | 222 | 00019000 | |
| GR2313.3 | 255 | 2312.9 | 291 | 2312.0 | 305 | 2308.7 | 342 | 2305.5 | 366 | 00020000 | |
| GR2304.1 | 370 | 2301.7 | 377 | 2300.2 | 385 | 2299.8 | 409 | 2299.7 | 419 | 00021000 | |
| GR2299.3 | 430 | 2299.8 | 441 | 2301.6 | 449 | 2304.0 | 456 | 2308.5 | 460 | 00022000 | |
| GR2315.2 | 469 | 2316.3 | 476 | 2317.1 | 496 | 2316.2 | 502 | 2325.0 | 519 | 00023000 | |
| NH | 4 | .15 | 445 | .06 | 525 | .08 | 599 | .05 | 733 | 00024000 | |
| QT | 6 | 2558 | 5278 | 8436 | 10075 | 13914 | 10075 | | | | 00025000 |
| ET | | | | | 8.11 | 435 | 565 | | | | 00026000 |
| X1 | 6.25 | 33 | 445 | 525 | 620 | 620 | 620 | | | | 00027000 |
| GR2330.0 | 9 | 2320.5 | 46 | 2318.7 | 71 | 2317.6 | 140 | 2317.2 | 176 | 00028000 | |
| GR2317.3 | 186 | 2317.3 | 238 | 2317.8 | 261 | 2319.2 | 322 | 2319.5 | 445 | 00029000 | |
| GR2314.0 | 452 | 2311.2 | 463 | 2308.3 | 466 | 2307.3 | 466 | 2306.4 | 472 | 00030000 | |
| GR2306.7 | 488 | 2306.4 | 498 | 2307.3 | 509 | 2308.5 | 519 | 2309.0 | 525 | 00031000 | |
| GR2310.9 | 553 | 2311.6 | 573 | 2313.6 | 586 | 2317.0 | 593 | 2317.9 | 599 | 00032000 | |
| GR2318.1 | 621 | 2316.9 | 627 | 2317.0 | 633 | 2316.0 | 636 | 2317.8 | 645 | 00033000 | |
| GR2319.3 | 662 | 2320.7 | 675 | 2330.0 | 733 | | | | | 00034000 | |
| NC | .15 | .07 | .05 | .3 | .8 | | | | | 00035000 | |
| QT | 6 | 2550 | 5267 | 8417 | 10051 | 13885 | 10051 | | | | 00036000 |
| ET | | | | | 8.11 | 240 | 345 | | | | 00037000 |
| X1 | 6.41 | 29 | 250 | 335 | 740 | 740 | 740 | | | | 00038000 |
| GR2330.8 | 0 | 2326.8 | 106 | 2326.4 | 134 | 2325.6 | 165 | 2325.4 | 205 | 00039000 | |
| GR2324.0 | 210 | 2323.8 | 223 | 2318.9 | 230 | 2317.0 | 240 | 2316.0 | 250 | 00040000 | |
| GR2315.0 | 250 | 2313.2 | 255 | 2313.0 | 275 | 2312.5 | 296 | 2312.6 | 301 | 00041000 | |
| GR2312.4 | 312 | 2312.7 | 317 | 2314.0 | 325 | 2316.5 | 326 | 2318.2 | 335 | 00042000 | |
| GR2319.9 | 351 | 2322.9 | 364 | 2322.9 | 381 | 2321.9 | 389 | 2324.2 | 450 | 00043000 | |
| GR2325.3 | 475 | 2326.0 | 550 | 2328.0 | 582 | 2340.0 | 582 | 00044000 | | | |
| ET | | | | | 8.11 | 240 | 345 | | | | 00045000 |
| X1 | 6.41 | | | 40 | 40 | 40 | | | | | 00046000 |
| SU | 1.25 | 1.6 | 3 | 0 | 85.01 | .01 | 748 | 0 | 2314.0 | 2314.0 | 00047000 |
| ET | | | | | 8.11 | 240 | 345 | | | | 00048000 |
| X1 | 6.41 | | | 30 | 30 | 30 | | | | | 00049000 |
| X2 | | | 1 | 2322.8 | 2324.4 | | | | | 00050000 | |
| BT | 18 | 0 | 2335.3 | 0 | 75 | 2330.3 | 0 | 135 | 2328.4 | 0 | 00051000 |
| BT | 190 | 2325.4 | 0 | 194 | 2324.3 | 0 | 197 | 2324.9 | 0 | 217 | 00052000 |
| BT2325.1 | 0 | 244 | 2325.6 | 0 | 245 | 2328.0 | 0 | 298 | 2328.4 | 00053000 | |

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|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|-----|----------|
| BT | 0 | 335 | 2328.0 | 0 | 337 | 2325.7 | 0 | 379 | 2325.1 | 0 | 00054000 |
| BT | 384 | 2324.4 | 0 | 439 | 2326.3 | 0 | 537 | 2330.9 | 0 | 582 | 00055000 |
| BT2330.9 | | 0 | 582 | 2340.0 | | | | | | | 00056000 |
| ET | | | | | | | 8.11 | 240 | 345 | | 00057000 |
| X1 | 6.41 | 23 | 250 | 335 | 10 | 10 | 10 | | | | 00058000 |
| GR2333.0 | | 0 | 2331.6 | 45 | 2329.0 | 150 | 2326.1 | 200 | 2326.1 | 223 | 00059000 |
| GR2316.5 | | 250 | 2314.9 | 255 | 2313.6 | 262 | 2313.3 | 274 | 2314.0 | 283 | 00060000 |
| GR2313.1 | | 290 | 2313.0 | 300 | 2313.2 | 313 | 2313.8 | 320 | 2314.7 | 325 | 00061000 |
| GR2316.5 | | 326 | 2319.0 | 335 | 2326.4 | 361 | 2326.4 | 381 | 2328.4 | 461 | 00062000 |
| GR2329.5 | | 553 | 2330.5 | 582 | 2340.0 | 582 | | | | | 00063000 |
| NC | | | | .1 | .5 | | | | | | 00063100 |
| NH | 5 | .15 | 238 | .18 | 264 | .05 | 341 | .15 | 378 | .07 | 00064000 |
| NH | 572 | | | | | | | | | | 00065000 |
| FT | | | | | | | 8.11 | 230 | 350 | | 00066000 |
| X1 | 6.5 | 28 | 264 | 341 | 480 | 480 | 480 | | | | 00067000 |
| GR2340.0 | | 3 | 2331.5 | 70 | 2329.6 | 120 | 2329.2 | 137 | 2329.1 | 150 | 00068000 |
| GR2328.4 | | 176 | 2328.0 | 220 | 2326.6 | 225 | 2326.4 | 238 | 2321.7 | 245 | 00069000 |
| GR2320.0 | | 252 | 2318.9 | 264 | 2317.1 | 266 | 2315.9 | 270 | 2315.3 | 307 | 00070000 |
| GR2315.2 | | 327 | 2315.8 | 334 | 2316.5 | 339 | 2319.3 | 341 | 2321.2 | 352 | 00071000 |
| GR2322.7 | | 367 | 2325.6 | 378 | 2325.6 | 396 | 2324.8 | 403 | 2327.1 | 470 | 00072000 |
| GR2327.9 | | 484 | 2328.5 | 530 | 2340.0 | 572 | | | | | 00073000 |
| NH | 4 | .15 | 232 | .18 | 310 | .065 | 415 | .07 | 538 | | 00074000 |
| QT | 6 | 2541 | 5255 | 8396 | 10024 | 13851 | 10024 | | | | 00075000 |
| ET | | | | | | | 8.11 | 300 | 425 | | 00076000 |
| X1 | 6.59 | 19 | 310 | 415 | 490 | 490 | 490 | | | | 00077000 |
| GR2350.0 | | 36 | 2335.9 | 88 | 2334.2 | 105 | 2335.2 | 150 | 2335.9 | 200 | 00078000 |
| GR2336.0 | | 232 | 2334.5 | 252 | 2332.1 | 278 | 2329.2 | 297 | 2328.0 | 310 | 00079000 |
| GR2325.5 | | 314 | 2324.2 | 323 | 2323.0 | 339 | 2323.5 | 395 | 2325.6 | 408 | 00080000 |
| GR2326.3 | | 415 | 2328.4 | 434 | 2336.7 | 465 | 2350.0 | 538 | | | 00081000 |
| NH | 4 | .15 | 250 | .18 | 328 | .065 | 430 | .07 | 453 | | 00082000 |
| ET | | | | | | | 8.11 | 320 | 440 | | 00083000 |
| X1 | 6.66 | 20 | 328 | 430 | 370 | 370 | 370 | | | | 00084000 |
| GR2355.0 | | 37 | 2337.0 | 106 | 2335.2 | 121 | 2336.6 | 189 | 2337.0 | 220 | 00085000 |
| GR2337.1 | | 250 | 2335.4 | 267 | 2332.8 | 300 | 2330.0 | 317 | 2329.1 | 328 | 00086000 |
| GR2326.7 | | 332 | 2326.2 | 334 | 2325.3 | 341 | 2325.0 | 345 | 2325.0 | 417 | 00087000 |
| GR2326.8 | | 428 | 2327.0 | 430 | 2329.4 | 453 | 2337.7 | 483 | 2355.0 | 578 | 00088000 |
| NH | 4 | .20 | 178 | .06 | 294 | .06 | 325 | .08 | 476 | | 00089000 |
| QT | 6 | 2533 | 5243 | 8376 | 9998 | 13819 | 9998 | | | | 00090000 |
| ET | | | | | | | 8.11 | 170 | 305 | | 00091000 |
| X1 | 6.76 | 20 | 178 | 294 | 600 | 600 | 600 | | | | 00092000 |
| GR2365.0 | | 80 | 2349.7 | 120 | 2349.0 | 139 | 2343.3 | 161 | 2339.6 | 178 | 00093000 |
| GR2337.4 | | 181 | 2335.9 | 192 | 2335.9 | 201 | 2335.1 | 220 | 2334.2 | 260 | 00094000 |
| GR2333.3 | | 271 | 2336.0 | 281 | 2337.7 | 289 | 2340.3 | 294 | 2345.0 | 309 | 00095000 |
| GR2349.3 | | 319 | 2349.8 | 325 | 2349.8 | 421 | 2355.0 | 459 | 2365.0 | 476 | 00096000 |
| ET | | | | | | | 8.11 | 170 | 305 | | 00096010 |
| X1 | 6.84 | | | 400 | 400 | 400 | 400 | | 6 | | 00096100 |
| NH | 6 | .15 | 43 | .06 | 140 | .10 | 176 | .05 | 250 | .10 | 00097000 |
| NH | 384 | .08 | 600 | | | | | | | | 00098000 |
| QT | 6 | 2524 | 5233 | 8357 | 9973 | 13789 | 9973 | | | | 00099000 |
| ET | | | | | | | 8.11 | 35 | 305 | | 00100000 |
| X1 | 6.92 | 22 | 43 | 140 | 480 | 320 | 480 | | | | 00101000 |
| GR2380.2 | | 0 | 2352.5 | 43 | 2346.5 | 50 | 2345.2 | 50 | 2345.2 | 118 | 00102000 |
| GR2346.5 | | 118 | 2352.4 | 140 | 2353.2 | 159 | 2351.6 | 176 | 2345.2 | 184 | 00103000 |

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|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|----------|
| GR2345.2 | 226 | 2354.0 | 250 | 2354.0 | 260 | 2354.0 | 265 | 2354.0 | 266 | 00104000 |
| GR2354.0 | 384 | 2353.9 | 401 | 2353.9 | 494 | 2356.1 | 511 | 2356.1 | 530 | 00106000 |
| GR2353.3 | 540 | 2382.7 | 600 | | | | | | | 00107000 |

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|----------|------|------|--------|------|--------|-------|--------|-----|--------|----------|----------|
| NC | .15 | .07 | .06 | | | | | | | 00108000 | |
| QT | 6 | 2516 | 5221 | 8337 | 9947 | 13758 | 9947 | | | 00109000 | |
| ET | | | | | | | 8.11 | 115 | 195 | 00110000 | |
| X1 | 7.09 | 19 | 125 | 189 | 840 | 640 | 840 | | | 00111000 | |
| GR2375.0 | | 5 | 2363.4 | 43 | 2362.7 | 80 | 2361.4 | 91 | 2360.7 | 105 | 00112000 |
| GR2355.5 | | 125 | 2352.7 | 129 | 2352.7 | 141 | 2352.7 | 145 | 2352.7 | 165 | 00113000 |
| GR2352.7 | | 180 | 2360.0 | 189 | 2366.0 | 199 | 2366.0 | 211 | 2365.2 | 229 | 00114000 |
| GR2363.6 | | 235 | 2365.1 | 243 | 2367.5 | 248 | 2375.0 | 249 | | | 00115000 |

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|----------|------|------|--------|------|--------|-------|--------|-----|--------|----------|----------|
| NC | .13 | .09 | .07 | | | | | | | 00116000 | |
| QT | 6 | 2507 | 5208 | 8314 | 9918 | 13722 | 9918 | | | 00117000 | |
| ET | | | | | | | 8.11 | 75 | 195 | 00118000 | |
| X1 | 7.28 | 12 | 85 | 183 | 1040 | 1040 | 1040 | | | | 00119000 |
| GR2409.7 | | 0 | 2376.9 | 70 | 2369.7 | 85 | 2366.4 | 91 | 2365.0 | 110 | 00120000 |
| GR2365.0 | | 137 | 2366.4 | 163 | 2370.9 | 183 | 2374.1 | 243 | 2378.2 | 277 | 00121000 |
| GR2378.1 | | 329 | 2400.0 | 365 | | | | | | | 00122000 |

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|----------|------|------|--------|------|--------|-------|--------|-----|--------|----------|----------|
| NC | .10 | .10 | .055 | | | | | | | 00123000 | |
| QT | 6 | 2500 | 5200 | 8300 | 9900 | 13700 | 9900 | | | 00124000 | |
| ET | | | | | | | 8.11 | 100 | 270 | 00125000 | |
| X1 | 7.41 | 31 | 136 | 249 | 640 | 520 | 640 | | | | 00126000 |
| GR2400.0 | | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 00127000 |
| GR2384.7 | | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 00128000 |
| GR2373.7 | | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 00129000 |
| GR2371.6 | | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 216 | 2373.4 | 223 | 00130000 |
| GR2375.2 | | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.2 | 281 | 00131000 |
| GR2380.4 | | 290 | 2379.8 | 300 | 2376.9 | 312 | 2381.8 | 408 | 2395.0 | 420 | 00132000 |
| GR2400.0 | | 426 | | | | | | | | | 00133000 |

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|----------|------|-----|--------|-----|--------|-----|--------|-----|--------|----------|----------|
| ET | | | | | | | 8.11 | 100 | 270 | 00133100 | |
| X1 | 7.41 | 28 | 112 | 250 | 40 | 40 | 40 | | | | 00134000 |
| GR2400.0 | | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00135000 |
| GR2385.4 | | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 00136000 |
| GR2373.2 | | 174 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 00137000 |
| GR2373.4 | | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 00138000 |
| GR2385.3 | | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 00139000 |
| GR2380.7 | | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 00140000 |

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|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| ET | | | | | | | 8.11 | 100 | 270 | 00140100 | |
| X1 | 7.41 | 35 | 112 | 250 | 1 | 1 | 1 | | | | 00141000 |
| BT | 10 | 46 | 2384.8 | 0 | 110 | 2385.4 | 0 | 110 | 2387.5 | 0 | 00142000 |
| BT | 112 | 2387.5 | 0 | 112 | 2387.5 | 2382.4 | 250 | 2387.5 | 2382.4 | 250 | 00143000 |
| BT | 2387.5 | 0 | 252 | 2387.5 | 0 | 252 | 2385.3 | 0 | 272 | 2384.9 | 00144000 |
| BT | 0 | | | | | | | | | | 00145000 |
| GR2400.0 | | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00146000 |
| GR2385.4 | | 110 | 2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 00147000 |
| GR2382.4 | | 151 | 2382.4 | 153 | 2374.8 | 153 | 2374.5 | 169 | 2373.2 | 174 | 00148000 |
| GR2372.3 | | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 2382.4 | 211 | 00149000 |
| GR2382.4 | | 213 | 2373.8 | 213 | 2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 00150000 |
| GR2378.1 | | 242 | 2378.2 | 250 | 2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 00151000 |
| GR2381.3 | | 351 | 2381.3 | 368 | 2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | 00152000 |

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|----|------|--|--|----|----|----|------|-----|-----|----------|----------|
| ET | | | | | | | 8.11 | 100 | 270 | 00152100 | |
| X1 | 7.41 | | | 30 | 30 | 30 | | | | | 00153000 |
| X2 | | | | | | | 1 | | | | 00154000 |

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|----------|------|-----|--------|-----|--------|------|--------|-----|--------|----------|----------|
| NC | .10 | .10 | .045 | | | | | | | 00155000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 00155100 | |
| X1 | 7.41 | 28 | 112 | 250 | 1 | 1 | | | | 00156000 | |
| GR2400.0 | | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 446 | 00157000 |
| GR2385.4 | | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 00158000 |
| GR2373.2 | | 174 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 00159000 |
| GR2373.4 | | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 00160000 |
| GR2385.3 | | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 366 | 00161000 |
| GR2380.7 | | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 00162000 |

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|----------|------|-----|--------|-----|--------|------|--------|-----|--------|----------|----------|
| ET | | | | | | 8.11 | 100 | 270 | | 00162100 | |
| X1 | 7.41 | 31 | 136 | 249 | 10 | 10 | | | | | 00163000 |
| GR2400.0 | | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 00164000 |
| GR2384.7 | | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 00165000 |
| GR2373.7 | | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 00166000 |
| GR2371.6 | | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 00167000 |
| GR2375.2 | | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.4 | 280 | 00168000 |
| GR2381.3 | | 350 | 2381.3 | 368 | 2380.7 | 389 | 2380.7 | 397 | 2395.0 | 420 | 00169000 |
| GR2400.0 | | 426 | | | | | | | | | 00170000 |

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|----------|------|------|--------|------|--------|-------|--------|-----|--------|----------|----------|
| NC | .15 | .13 | .06 | | | | | | | 00171000 | |
| QT | 6 | 2082 | 4200 | 6882 | 8282 | 11482 | 8282 | | | | 00172000 |
| ET | | | | | | | 8.11 | 45 | 215 | | 00173000 |
| X1 | 7.58 | 16 | 53 | 206 | 890 | 890 | 890 | | | | 00174000 |
| GR2420.4 | | 0 | 2392.0 | 53 | 2386.1 | 74 | 2383.0 | 88 | 2382.0 | 105 | 00175000 |
| GR2382.0 | | 155 | 2382.9 | 174 | 2391.1 | 206 | 2391.1 | 216 | 2389.3 | 231 | 00176000 |
| GR2389.4 | | 310 | 2392.6 | 328 | 2392.6 | 350 | 2392.5 | 351 | 2393.1 | 486 | 00177000 |
| GR2424.1 | | 558 | | | | | | | | | 00178000 |

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|----------|------|------|--------|------|--------|-------|--------|-----|--------|----------|----------|
| NC | .13 | .12 | .06 | | | | | | | 00179000 | |
| QT | 6 | 2040 | 4200 | 6840 | 8240 | 11440 | 8240 | | | | 00180000 |
| ET | | | | | | | 8.11 | 25 | 135 | | 00181000 |
| X1 | 7.99 | 14 | 32 | 125 | 2200 | 2320 | 2200 | | | | 00182000 |
| GR2440.0 | | 0 | 2418.9 | 32 | 2406.7 | 45 | 2403.8 | 53 | 2403.8 | 89 | 00183000 |
| GR2405.0 | | 95 | 2406.8 | 95 | 2417.4 | 125 | 2422.0 | 228 | 2422.0 | 250 | 00184000 |
| GR2419.1 | | 267 | 2432.1 | 307 | 2445.2 | 367 | 2459.7 | 418 | | | 00185000 |

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|----------|------|-----|--------|-----|--------|------|--------|-----|--------|----------|----------|
| NC | .15 | .12 | .075 | | | | | | | 00186000 | |
| ET | | | | | | | 8.11 | 65 | 135 | | 00187000 |
| X1 | 8.20 | 19 | 71 | 116 | 1090 | 1090 | 1090 | | -8.4 | | 00188000 |
| GR2465.5 | | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 00189000 |
| GR2437.5 | | 86 | 2434.4 | 96 | 2435.0 | 106 | 2441.3 | 116 | 2441.5 | 125 | 00190000 |
| GR2442.3 | | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 00191000 |
| GR2457.7 | | 194 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 00192000 |

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|----------|------|-----|--------|-----|--------|-----|--------|-----|--------|----------|----------|
| NC | .15 | .12 | .065 | | | | | | | 00192100 | |
| ET | | | | | | | 8.11 | 65 | 135 | | 00192110 |
| X1 | 8.35 | 19 | 71 | 116 | 770 | 770 | 770 | | | | 00193000 |
| GR2465.5 | | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 00193100 |
| GR2440.0 | | 78 | 2440.0 | 96 | 2440.0 | 114 | 2441.3 | 116 | 2441.5 | 125 | 00193200 |
| GR2442.3 | | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 00193300 |
| GR2457.7 | | 194 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 00193400 |

| | | | | | | | | | | | |
|----------|------|------|--------|------|--------|------|--------|-----|--------|-----|----------|
| QT | 6 | 1200 | 2600 | 4300 | 5200 | 7400 | 5200 | | | | 00194000 |
| ET | | | | | | | 8.11 | 65 | 160 | | 00195000 |
| X1 | 8.39 | 12 | 75 | 130 | 240 | 110 | 160 | | | | 00196000 |
| GR2469.5 | | 0 | 2461.0 | 22 | 2460.2 | 55 | 2451.0 | 75 | 2446.0 | 86 | 00197000 |
| GR2444.4 | | 90 | 2444.4 | 95 | 2444.5 | 103 | 2445.6 | 113 | 2450.3 | 130 | 00198000 |
| GR2457.3 | | 157 | 2475.0 | 181 | | | | | | | 00199000 |

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| | | | | | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| ET | | | | | | 8.11 | 65 | 160 | | 00200000 | |
| X1 | 8.39 | | 40 | 40 | 40 | | | | | 00201000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 45.8 | 3 | 574 | 1.46 | 2445.5 | 2445.5 | 00202000 |
| ET | | | | | | 8.11 | 65 | 160 | | 00203000 | |
| X1 | 8.39 | | 30 | 30 | 30 | | | | | 00204000 | |
| X2 | | | 1 | 2455.5 | 2459.0 | | | | | 00205000 | |
| BT | 11 | 0 | 2472.0 | 0 | 5 | 2467.5 | 0 | 22 | 2461.0 | 0 | 00206000 |
| BT | 55 | 2460.2 | 0 | 57 | 2459.0 | 0 | 75 | 2459.0 | 0 | 75 | 00207000 |
| BT | 2461.0 | 0 | 80 | 2461.3 | 0 | 160 | 2461.3 | 0 | 162 | 2461.1 | 00208000 |
| BT | 0 | 181 | 2475.0 | 0 | | | | | | | 00209000 |
| NC | .15 | .12 | .055 | | | | | | | | 00210000 |
| ET | | | | | | 8.11 | 65 | 160 | | 00211000 | |
| X1 | 8.39 | | 10 | 10 | 10 | | | | | 00212000 | |
| NH | 4 | .12 | 220 | .06 | 288 | .08 | 480 | .20 | 753 | | 00213000 |
| ET | | | | | | 8.11 | 210 | 300 | | 00214000 | |
| X1 | 8.53 | 19 | 220 | 288 | 680 | 800 | 680 | | | | 00215000 |
| GR2513.5 | 0 | 2477.3 | 60 | 2469.2 | 80 | 2470.6 | 94 | 2470.6 | 115 | | 00216000 |
| GR2462.7 | 156 | 2457.6 | 220 | 2455.0 | 229 | 2452.5 | 230 | 2452.5 | 273 | | 00217000 |
| GR2455.0 | 273 | 2463.0 | 288 | 2464.9 | 318 | 2463.4 | 387 | 2463.4 | 448 | | 00218000 |
| GR2464.7 | 480 | 2464.7 | 661 | 2490.3 | 729 | 2513.4 | 753 | | | | 00219000 |
| NC | .10 | .13 | .060 | | | | | | | | 00220000 |
| ET | | | | | | 8.11 | 720 | 870 | | 00222000 | |
| X1 | 8.76 | 24 | 726 | 860 | 1240 | 1080 | 1160 | | | | 00223000 |
| GR2512.8 | 0 | 2504.9 | 147 | 2492.5 | 297 | 2490.2 | 310 | 2490.2 | 323 | | 00224000 |
| GR2486.9 | 358 | 2480.1 | 453 | 2478.2 | 500 | 2479.5 | 595 | 2476.2 | 631 | | 00225000 |
| GR2477.5 | 641 | 2477.5 | 662 | 2475.3 | 695 | 2475.6 | 726 | 2468.0 | 756 | | 00226000 |
| GR2466.8 | 775 | 2466.8 | 825 | 2468.0 | 843 | 2472.0 | 860 | 2478.5 | 888 | | 00227000 |
| GR2482.0 | 934 | 2482.0 | 948 | 2490.1 | 971 | 2505.4 | 1016 | | | | 00228000 |
| NC | .10 | .10 | .055 | | | | | | | | 00229000 |
| QT | 6 | 1173 | 2546 | 4219 | 5092 | 7238 | 5092 | | | | 00230000 |
| ET | | | | | | 8.11 | 190 | 295 | | 00231000 | |
| X1 | 8.94 | 18 | 195 | 285 | 760 | 1000 | 880 | | | | 00232000 |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | | 00233000 |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | | 00234000 |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | | 00235000 |
| GR2488.9 | 331 | 2489.6 | 450 | 2501.0 | 494 | | | | | | 00236000 |
| ET | | | | | | 8.11 | 190 | 295 | | 00236100 | |
| X1 | 8.94 | | 40 | 40 | 40 | | | | | 00237000 | |
| ET | | | | | | 8.11 | 190 | 295 | | 00238000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 51.6 | 4 | 729.3 | 1.7 | 2480.5 | 2480.5 | 00239000 |
| X1 | 8.94 | 20 | 195 | 285 | 30 | 30 | 30 | | | | 00240000 |
| X2 | | | 1 | 2491.5 | 2492.0 | | | | | | 00241000 |
| BT | 12 | 0 | 2505.0 | 0 | 0 | 2494.4 | 0 | 95 | 2492.5 | 0 | 00242000 |
| BT | 141 | 2492.0 | 0 | 197 | 2493.7 | 0 | 197 | 2495.5 | 0 | 285 | 00243000 |
| BT | 2495.5 | 0 | 285 | 2493.7 | 0 | 300 | 2493.6 | 0 | 400 | 2493.4 | 00244000 |
| BT | 0 | 500 | 2493.6 | 0 | 526 | 2501.0 | 0 | | | | 00245000 |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | | 00246000 |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | | 00247000 |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | | 00248000 |
| GR2488.9 | 331 | 2492.0 | 370 | 2492.0 | 405 | 2493.6 | 500 | 2501.0 | 526 | | 00249000 |
| ET | | | | | | 8.11 | 190 | 295 | | 00250000 | |
| X1 | 8.94 | | 10 | 10 | 10 | | | | | 00251000 | |

| | | | | | | | | | | |
|----------|------|------|--------|------|--------|------|--------|------|--------|---------------|
| NC | .10 | .07 | .055 | | | | | | | 00252000 |
| QT | 6 | 1165 | 2530 | 4195 | 5060 | 7190 | 5060 | | | 00253000 |
| ET | | | | | | | 8.11 | 120 | 220 | 00254000 |
| X1 | 9.10 | 19 | 130 | 210 | 840 | 800 | 840 | | | 00255000 |
| GR2538.5 | | 0 | 2512.2 | 49 | 2512.2 | 86 | 2502.6 | 118 | 2497.5 | 130 00256000 |
| GR2493.4 | | 139 | 2492.2 | 155 | 2492.2 | 180 | 2493.4 | 193 | 2497.5 | 210 00257000 |
| GR2501.4 | | 227 | 2501.8 | 241 | 2501.8 | 260 | 2505.5 | 284 | 2505.5 | 441 00258000 |
| GR2508.8 | | 472 | 2512.6 | 637 | 2520.3 | 785 | 2528.0 | 884 | | 00259000 |
| NC | .12 | .12 | .065 | | | | | | | 00260000 |
| QT | 6 | 1159 | 2518 | 4177 | 5036 | 7154 | 5036 | | | 00261000 |
| ET | | | | | | | 8.11 | 240 | 330 | 00262000 |
| X1 | 9.22 | 12 | 250 | 323 | 640 | 640 | 640 | | | 00263000 |
| GR2516.7 | | 150 | 2512.9 | 169 | 2509.7 | 189 | 2503.9 | 203 | 2502.3 | 250 00264000 |
| GR2500.1 | | 272 | 2500.7 | 322 | 2501.0 | 323 | 2508.9 | 337 | 2511.0 | 425 00265000 |
| GR2512.3 | | 537 | 2515.5 | 560 | | | | | | 00266000 |
| NC | .12 | .12 | .065 | | | | | | | 00267000 |
| QT | 6 | 1154 | 2508 | 4162 | 5016 | 7124 | 5016 | | | 00268000 |
| ET | | | | | | | 8.11 | 210 | 305 | 00269000 |
| X1 | 9.32 | 19 | 221 | 295 | 560 | 640 | 550 | | | 00270000 |
| GR2522.9 | | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 00271000 |
| GR2511.0 | | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 00272000 |
| GR2505.7 | | 266 | 2506.0 | 295 | 2509.1 | 306 | 2520.6 | 324 | 2524.0 | 400 00273000 |
| GR2520.1 | | 495 | 2524.0 | 550 | 2527.0 | 629 | 2530.0 | 690 | | 00274000 |
| ET | | | | | | | 8.11 | 210 | 305 | 00276000 |
| X1 | 9.33 | 18 | 221 | 295 | 50 | 50 | 50 | | | 00277000 |
| GR2522.9 | | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 00278000 |
| GR2511.0 | | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 00279000 |
| GR2505.7 | | 266 | 2506.0 | 295 | 2509.1 | 306 | 2524.0 | 400 | 2520.1 | 495 00280000 |
| GR2524.0 | | 550 | 2527.0 | 629 | 2530.0 | 690 | | | | 00281000 |
| NC | .15 | .12 | .065 | | | | | | | 00282000 |
| QT | 6 | 1149 | 2497 | 4146 | 4994 | 7091 | 4994 | | | 00283000 |
| ET | | | | | | | 8.11 | 265 | 365 | 00284000 |
| X1 | 9.43 | 20 | 272 | 355 | 530 | 530 | 530 | | | 00285000 |
| GR2529.4 | | 30 | 2529.4 | 40 | 2526.3 | 55 | 2526.5 | 155 | 2522.2 | 174 00286000 |
| GR2521.3 | | 225 | 2527.9 | 231 | 2530.0 | 250 | 2514.3 | 272 | 2513.3 | 274 00287000 |
| GR2513.7 | | 300 | 2515.6 | 355 | 2528.9 | 371 | 2528.3 | 439 | 2527.6 | 446 00288000 |
| GR2530.9 | | 454 | 2534.6 | 545 | 2535.2 | 640 | 2533.2 | 734 | 2535.1 | 747 00289000 |
| ET | | | | | | | 8.11 | 480 | 620 | 00291000 |
| X1 | 9.67 | 25 | 548 | 605 | 1160 | 1160 | 1160 | | | 00292000 |
| GR2595.2 | | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 00293000 |
| GR2557.8 | | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2552.2 | 548 00294000 |
| GR2548.0 | | 549 | 2548.0 | 600 | 2552.5 | 605 | 2562.4 | 615 | 2564.4 | 626 00295000 |
| GR2562.7 | | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 00296000 |
| GR2560.7 | | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 00297000 |
| ET | | | | | | | 8.11 | 480 | 620 | 00298000 |
| X1 | 9.67 | 25 | 510 | 610 | 30 | 30 | 30 | | | 00299000 |
| GR2595.2 | | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 00300000 |
| GR2557.8 | | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2556.7 | 510 00301000 |
| GR2556.4 | | 511 | 2556.4 | 609 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 00302000 |
| GR2562.7 | | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 00303000 |
| GR2560.7 | | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 00304000 |
| ET | | | | | | | 8.11 | 480 | 620 | 00305000 |

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|----------|-------|--------|-----------------------|--------|--------|--------------|--------|--------|--------|----------|----------|
| X1 | 9.67 | 25 | 525 | 610 | 30 | 30 | 30 | | | 00306000 | |
| GR2595.2 | | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 00307000 |
| GR2557.8 | | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2554.7 | 525 | 00308000 |
| GR2554.0 | | 530 | 2554.0 | 607 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 00309000 |
| GR2562.7 | | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 00310000 |
| GR2560.7 | | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 00311000 |
| NC | .15 | .12 | .065 | | | | | | | | 00312000 |
| ET | | | | | | 8.11 | 290 | 390 | | | 00314000 |
| X1 | 9.82 | 18 | 300 | 380 | 740 | 740 | 740 | | | | 00315000 |
| GR2578.4 | | 38 | 2578.3 | 49 | 2572.0 | 66 | 2572.0 | 122 | 2574.0 | 127 | 00316000 |
| GR2573.9 | | 175 | 2576.9 | 202 | 2577.1 | 264 | 2573.0 | 287 | 2573.8 | 300 | 00317000 |
| GR2570.0 | | 309 | 2569.6 | 320 | 2569.6 | 359 | 2573.8 | 380 | 2577.6 | 423 | 00318000 |
| GR2577.2 | | 440 | 2579.0 | 453 | 2579.3 | 465 | | | | | 00319000 |
| NC | .15 | .15 | .065 | | | | | | | | 00320000 |
| ET | | | | | | 8.11 | 255 | 350 | | | 00322000 |
| X1 | 9.94 | 14 | 265 | 340 | 630 | 630 | 630 | | | | 00323000 |
| GR2595.9 | | 50 | 2595.9 | 61 | 2591.5 | 81 | 2587.0 | 95 | 2587.0 | 120 | 00324000 |
| GR2586.9 | | 128 | 2588.5 | 204 | 2586.4 | 218 | 2588.3 | 225 | 2588.9 | 265 | 00325000 |
| GR2584.0 | | 300 | 2583.7 | 340 | 2591.1 | 360 | 2595.0 | 375 | | | 00326000 |
| QT | 6 | 1118 | 2435 | 4053 | 4870 | 6905 | 4870 | | | | 00327000 |
| ET | | | | | | 8.11 | 130 | 225 | | | 00328000 |
| X1 | 10.05 | 13 | 145 | 209 | 530 | 530 | 530 | | | | 00329000 |
| GR2616.4 | | 60 | 2612.2 | 86 | 2612.2 | 99 | 2600.4 | 140 | 2597.2 | 145 | 00330000 |
| GR2592.9 | | 151 | 2591.2 | 161 | 2591.2 | 175 | 2599.1 | 209 | 2604.2 | 274 | 00331000 |
| GR2606.0 | | 376 | 2609.2 | 464 | 2612.4 | 565 | | | | | 00332000 |
| ET | | | | | | 8.11 | 130 | 225 | | | 00332100 |
| X1 | 10.05 | | | 40 | 40 | 40 | | | | | 00333000 |
| ET | | | | | | 8.11 | 130 | 225 | | | 00333100 |
| SB | 1.25 | 1.6 | 3 | 0 | 55.9 | 8 | 755.4 | 1.25 | 2591.2 | 2591.2 | 00334000 |
| X1 | 10.05 | | | 30 | 30 | 30 | | | | | 00335000 |
| X2 | | | 1 | 2603.2 | 2605.7 | | | | | | 00336000 |
| BT | 12 | 60 | 2616.4 | 0 | 86 | 2612.2 | 0 | 99 | 2612.2 | 0 | 00337000 |
| BT | 120 | 2606.0 | 0 | 135 | 2605.7 | 0 | 135 | 2607.2 | 0 | 219 | 00338000 |
| BT2607.9 | | 0 | 219 | 2606.1 | 0 | 235 | 2606.4 | 0 | 290 | 2606.9 | 00339000 |
| BT | 0 | 407 | 2607.2 | 0 | 565 | 2612.4 | 0 | | | | 00340000 |
| ET | | | | | | 8.11 | 130 | 225 | | | 00340100 |
| X1 | 10.05 | | | 10 | 10 | 10 | | | | | 00341000 |
| QT | 6 | 1100 | 2400 | 4000 | 4800 | 6800 | 4800 | | | | 00342000 |
| ET | | | | | | 8.11 | 500 | 590 | | | 00343000 |
| X1 | 10.36 | 24 | 509 | 579 | 1640 | 1640 | 1640 | | | | 00344000 |
| GR2690.1 | | 0 | 2657.3 | 52 | 2644.4 | 137 | 2642.4 | 170 | 2639.0 | 231 | 00345000 |
| GR2642.0 | | 401 | 2645.1 | 457 | 2645.0 | 470 | 2644.9 | 482 | 2634.0 | 509 | 00346000 |
| GR2632.4 | | 509 | 2632.4 | 544 | 2634.2 | 544 | 2635.4 | 547 | 2635.4 | 558 | 00347000 |
| GR2634.2 | | 560 | 2632.3 | 560 | 2632.3 | 579 | 2634.2 | 579 | 2642.3 | 606 | 00348000 |
| GR2652.7 | | 638 | 2653.8 | 782 | 2661.0 | 822 | 2695.1 | 888 | | | 00349000 |
| FJ | | | | | | | | | | | 00350000 |
| T1 | | | CHEROKEE INDIAN LANDS | | | DSN=RAVENFK1 | | | | | 00361000 |
| T2 | | | 100-YEAR FLOODWAY | | | H011270 JHN | | | | | 00362000 |
| T3 | | | RAVEN FORK | | | | | | | | 00363000 |
| J1 | | | 7 | | | | 2302.1 | | | | 00364000 |
| J2 | 15 | | -1 | | | | | | | | 00365000 |
| | | | | | | | | | | | 00371000 |

INPUT CARD LISTING

| | | | | | | | | | | | |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-------|
| T1 | CHEROKEE INDIAN LANDS | | | | | | | | | DSN=RAVENFK | 1000 |
| T2 | 10-YEAR FLOOD | | | | | | | | | H011270 JHN | 2000 |
| T3 | RAVEN FORK | | | | | | | | | FLOOD PROFILES | 3000 |
| J1 | 3 | .00729 | | | | | | | 2025 | 4000 | |
| J2 | | -1 | | | | | | | | | 5000 |
| J3 | 150 | 0 | 160 | | | | | | | | 6000 |
| J6 | 1 | | | | | | | | | | 7000 |
| NC | | .1 .5 | | | | | | | | | 8000 |
| NH | 5 | .06 | 606 | .13 | 768 | .05 | 857 | .13 | 1006 | .06 | 9000 |
| NH | 1650 | | | | | | | | | | 10000 |
| QT | 6 | 2800 | 5700 | 9100 | 10900 | 15000 | 10900 | | | | 11000 |
| ET | | | | | | | | | | | 12000 |
| Y1 | 0.21 | 27 | 768 | 857 | | | | | | | 13000 |
| GR2031.4 | 0 | 2024.4 | 50 | 2025.0 | 228 | 2025.0 | 250 | 2026.7 | 406 | | 14000 |
| GR2025.1 | 606 | 2026.9 | 706 | 2026.2 | 747 | 2019.5 | 768 | 2016.8 | 769 | | 15000 |
| GR2014.9 | 777 | 2014.6 | 808 | 2014.9 | 830 | 2015.2 | 840 | 2016.5 | 850 | | 16000 |
| GR2018.9 | 850 | 2020.9 | 857 | 2023.5 | 859 | 2024.9 | 892 | 2023.2 | 907 | | 17000 |
| GR2022.6 | 921 | 2024.1 | 1006 | 2022.6 | 1107 | 2023.3 | 1209 | 2026.1 | 1406 | | 18000 |
| GR2027.8 | 1490 | 2028.8 | 1650 | | | | | | | | 19000 |
| Y1 | 0.21 | | | | | | | | | | 20000 |
| Y1 | 0.21 | 35 | 768 | 857 | 1 | 1 | 1 | | | | 21000 |
| BT | 15 | 600 | 2028.2 | 0 | 754 | 2030.1 | 0 | 754 | 2032.8 | 0 | 22000 |
| RT | 768 | 2033.7 | 0 | 768 | 2033.7 | 2020.0 | 770 | 2033.8 | 2023.5 | 773 | 23000 |
| RT2033.9 | 2025.5 | 789 | 2034.4 | 2027.3 | 810 | 2034.9 | 2028.4 | 830 | 2034.8 | | 24000 |
| RT2027.2 | 850 | 2034.1 | 2023.5 | 857 | 2033.6 | 2020.9 | 857 | 2033.6 | 0 | | 25000 |
| BT | 861 | 2033.3 | 0 | 861 | 2030.1 | 0 | 916 | 2027.8 | 0 | | 26000 |
| GR2031.4 | 0 | 2029.4 | 50 | 2027.8 | 150 | 2027.7 | 254 | 2028.3 | 350 | | 27000 |
| GR2028.2 | 450 | 2027.6 | 550 | 2027.7 | 606 | 2027.8 | 653 | 2028.2 | 694 | | 28000 |
| GR2030.1 | 754 | 2033.7 | 768 | 2019.5 | 768 | 2018.7 | 770 | 2017.7 | 773 | | 29000 |
| GR2013.0 | 789 | 2015.9 | 800 | 2014.6 | 810 | 2015.3 | 830 | 2015.5 | 840 | | 30000 |
| GR2016.0 | 808 | 2016.5 | 850 | 2016.9 | 850 | 2020.9 | 857 | 2033.6 | 857 | | 31000 |
| GR2033.3 | 861 | 2030.1 | 861 | 2027.8 | 916 | 2026.8 | 951 | 2026.0 | 1006 | | 32000 |
| GR2025.3 | 1052 | 2025.3 | 1152 | 2026.9 | 1360 | 2026.3 | 1550 | 2028.8 | 1650 | | 33000 |
| ET | | | | | | | | | | | 34000 |
| Y1 | 0.21 | | | | | | | | | | 35000 |
| Y2 | | | | | | | | | | | 36000 |
| NH | 5 | .06 | 606 | .13 | 768 | .05 | 857 | .13 | 1006 | .13 | 37000 |
| NH | 1650 | | | | | | | | | | 38000 |
| ET | | | | | | | | | | | 39000 |
| Y1 | 0.21 | 27 | 768 | 857 | 1 | 1 | 1 | | | | 40000 |
| GR2031.4 | 0 | 2024.4 | 50 | 2025.0 | 228 | 2025.0 | 250 | 2026.7 | 406 | | 41000 |
| GR2025.1 | 606 | 2026.9 | 706 | 2026.2 | 747 | 2019.5 | 768 | 2016.8 | 769 | | 42000 |
| GR2014.9 | 777 | 2014.6 | 808 | 2014.9 | 830 | 2015.2 | 840 | 2016.5 | 850 | | 43000 |
| GR2018.9 | 850 | 2020.9 | 857 | 2023.5 | 859 | 2024.9 | 892 | 2023.2 | 907 | | 44000 |
| GR2022.6 | 921 | 2024.1 | 1006 | 2022.6 | 1107 | 2023.3 | 1209 | 2026.1 | 1406 | | 45000 |
| GR2027.8 | 1490 | 2028.8 | 1650 | | | | | | | | 46000 |
| NH | 5 | .06 | 606 | .13 | 768 | .05 | 857 | .13 | 1107 | .30 | 47000 |
| NH | 1650 | | | | | | | | | | 48000 |
| Y1 | 0.21 | | | | | | | | | | 49000 |
| Y1 | .00 | | | | | | | | | | 50000 |
| NC | .15 | .13 | .05 | | | | | | | | 51000 |
| ET | | | | | | | | | | | 53000 |
| Y1 | 0.50 | 31 | 404 | 515 | 700 | 830 | 830 | | | | 54000 |
| GR2054.0 | 0 | 2042.2 | 17 | 2041.2 | 35 | 2040.0 | 76 | 2041.7 | 82 | | 55000 |
| GR2040.7 | 193 | 2040.1 | 160 | 2041.8 | 113 | 2040.4 | 143 | 2039.7 | 255 | | 56000 |
| GR2030.2 | 327 | 2045.0 | 343 | 2044.0 | 360 | 2035.5 | 363 | 2032.7 | 409 | | 57000 |

| | | | | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| GR2029.5 | 417 | 2029.0 | 417 | 2027.6 | 425 | 2027.4 | 435 | 2027.3 | 450 | 58000 |
| GR2028.1 | 495 | 2029.0 | 502 | 2029.6 | 502 | 2037.0 | 515 | 2037.5 | 535 | 59000 |
| GR2042.4 | 546 | 2042.1 | 555 | 2043.4 | 755 | 2047.0 | 835 | 2052.4 | 935 | 60000 |
| GR2057.0 | 991 | | | | | | | | | 61000 |
| NC | .13 | .12 | .06 | | | | | | | 62000 |
| FI | | | | | | | | | | 64000 |
| X1 0.60 | 27 | 433 | 541 | 55 | 210 | 150 | | | | 65000 |
| GR2055.0 | 305 | 2052.9 | 327 | 2048.9 | 340 | 2047.5 | 383 | 2037.1 | 411 | 66000 |
| GR2034.7 | 433 | 2032.5 | 434 | 2031.1 | 439 | 2030.9 | 455 | 2031.2 | 485 | 67000 |
| GR2031.0 | 500 | 2031.3 | 515 | 2032.3 | 524 | 2033.0 | 524 | 2038.1 | 541 | 68000 |
| GR2037.9 | 569 | 2042.6 | 589 | 2042.6 | 605 | 2043.6 | 700 | 2044.9 | 793 | 69000 |
| GR2044.7 | 809 | 2044.0 | 811 | 2044.9 | 817 | 2047.1 | 850 | 2048.4 | 950 | 70000 |
| GR2052.2 | 1050 | 2055.0 | 1080 | | | | | | | 71000 |
| FI | | | | | | | | | | 72000 |
| X1 0.60 | | | 40 | | 40 | 40 | | | | 73000 |
| X3 10 | | | | | | | 2035.0 | 2044.0 | | 74000 |
| SB 1.25 | 1.6 | 3 | 0 | 101 | 4 | 1248 | 1.5 | 2031.1 | 2031.1 | 75000 |
| FI | | | | | | | | | | 76000 |
| Y1 0.60 | 30 | 433 | 540 | 30 | 30 | 30 | | | | 77000 |
| Y2 | | 1 | 2042.1 | 2046.5 | | | | | | 78000 |
| X3 10 | | | | | | | 2035.0 | 2046.5 | | 79000 |
| R1 18 | 305 | 2055.0 | 0 | 327 | 2052.9 | 0 | 340 | 2048.9 | 0 | 80000 |
| R1 383 | 2047.5 | 0 | 406 | 2047.5 | 0 | 406 | 2047.5 | 2046.6 | 540 | 81000 |
| R12048.2 | 2042.0 | 540 | 2048.2 | 0 | 545 | 2048.2 | 0 | 545 | 2048.2 | 82000 |
| R1 0 | 609 | 2048.8 | 0 | 609 | 2046.6 | 0 | 700 | 2047.5 | 0 | 83000 |
| R1 800 | 2044.0 | 0 | 910 | 2047.4 | 0 | 950 | 2048.0 | 0 | 1050 | 84000 |
| RT2052.2 | 0 | 1080 | 2055.0 | 0 | | | | | | 85000 |
| GR2055.0 | 305 | 2052.9 | 327 | 2048.9 | 340 | 2047.5 | 383 | 2039.0 | 406 | 86000 |
| GR2037.1 | 411 | 2034.7 | 433 | 2032.5 | 434 | 2031.1 | 439 | 2030.9 | 455 | 87000 |
| GR2031.2 | 485 | 2031.0 | 500 | 2031.3 | 515 | 2032.3 | 524 | 2033.0 | 524 | 88000 |
| GR2038.1 | 540 | 2035.0 | 545 | 2037.9 | 569 | 2042.6 | 589 | 2042.6 | 609 | 89000 |
| GR2043.0 | 700 | 2044.9 | 793 | 2044.7 | 800 | 2044.0 | 811 | 2044.9 | 817 | 90000 |
| GR2047.1 | 850 | 2047.9 | 910 | 2048.4 | 950 | 2052.2 | 1050 | 2055.0 | 1080 | 91000 |
| FI | | | | | | | | | | 92000 |
| Y1 0.60 | | | 10 | | 10 | 10 | | | | 93000 |
| NC | .13 | .13 | .06 | | | | | | | 94000 |
| FI | | | | | | | | | | 96000 |
| X1 0.60 | 21 | 250 | 350 | 1150 | 1020 | 1020 | | | | 97000 |
| GR2068.0 | 192 | 2064.0 | 201 | 2060.0 | 210 | 2056.0 | 222 | 2052.0 | 232 | 98000 |
| GR2048.0 | 230 | 2048.0 | 250 | 2039.0 | 257 | 2039.1 | 260 | 2036.6 | 260 | 99000 |
| GR2038.0 | 250 | 2036.0 | 310 | 2038.4 | 315 | 2038.9 | 315 | 2039.4 | 322 | 100000 |
| GR2046.0 | 350 | 2044.0 | 356 | 2052.6 | 342 | 2056.0 | 352 | 2060.0 | 365 | 101000 |
| GR2040.0 | 372 | | | | | | | | | 102000 |
| NC | .13 | .13 | .06 | | | | | | | 103000 |
| FI | | | | | | | | | | 104000 |
| Y1 0.60 | 34 | 251 | 350 | 160 | 750 | 750 | | | | 106000 |
| GR2064.1 | 0 | 2060.0 | 20 | 2050.5 | 58 | 2057.1 | 128 | 2056.0 | 228 | 107000 |
| GR2045.9 | 251 | 2044.0 | 259 | 2043.4 | 250 | 2042.5 | 250 | 2042.0 | 262 | 108000 |
| GR2041.7 | 270 | 2041.5 | 260 | 2041.5 | 290 | 2042.0 | 310 | 2042.0 | 315 | 109000 |
| GR2043.5 | 315 | 2045.0 | 320 | 2047.4 | 327 | 2048.5 | 347 | 2049.2 | 372 | 110000 |
| GR2051.7 | 346 | 2057.1 | 402 | 2056.2 | 415 | 2056.4 | 427 | 2057.9 | 430 | 111000 |
| GR2056.0 | 467 | 2057.5 | 475 | 2060.5 | 487 | 2060.7 | 492 | 2060.0 | 512 | 112000 |
| GR2057.9 | 520 | 2059.7 | 525 | 2060.7 | 537 | 2065.5 | 546 | | | 113000 |
| NC | .13 | .13 | .06 | | | | | | | 114000 |
| FI | | | | | | | | | | 115000 |
| X1 1.42 | 21 | 35 | 150 | 2560 | 2440 | 2720 | | | | 116000 |
| GR2091.5 | 0 | 2068.0 | 35 | 2067.0 | 35 | 2065.1 | 41 | 2065.5 | 50 | 118000 |
| GR2065.9 | 71 | 2065.9 | 85 | 2066.1 | 96 | 2067.5 | 101 | 2069.9 | 104 | 119000 |

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| GR2074.5 | 132 | 2078.6 | 146 | 2080.0 | 176 | 2080.0 | 184 | 2081.6 | 180 | 120000 | |
| GR2082.0 | 209 | 2080.5 | 215 | 2080.9 | 232 | 2082.4 | 254 | 2088.0 | 270 | 121000 | |
| GR2092.0 | 286 | | | | | | | | | 122000 | |
| NC | .10 | .10 | .06 | | | | | | | 123000 | |
| ET | | | | | | | | | | 125000 | |
| Y1 | 1.64 | 20 | 147 | 201 | 1280 | 1230 | 1280 | | | 126000 | |
| GR2112.2 | 0 | 2108.5 | 11 | 2100.7 | 25 | 2097.0 | 90 | 2093.9 | 127 | 127000 | |
| GR2090.4 | 137 | 2090.6 | 147 | 2089.6 | 147 | 2088.5 | 153 | 2088.9 | 167 | 128000 | |
| GR2089.4 | 176 | 2089.1 | 193 | 2087.9 | 189 | 2088.0 | 195 | 2090.1 | 201 | 129000 | |
| GR2103.7 | 216 | 2103.4 | 234 | 2103.2 | 237 | 2108.5 | 241 | 2113.5 | 246 | 130000 | |
| NC | .12 | .10 | .06 | | | | | | | 131000 | |
| ET | | | | | | | | | | 133000 | |
| Y1 | 1.76 | 22 | 26 | 110 | 640 | 720 | 640 | | | 134000 | |
| GR2117.5 | 0 | 2098.0 | 20 | 2097.0 | 26 | 2095.0 | 28 | 2094.0 | 28 | 135000 | |
| GR2093.2 | 31 | 2092.8 | 51 | 2093.4 | 91 | 2093.8 | 96 | 2093.6 | 109 | 136000 | |
| GR2094.7 | 118 | 2095.0 | 118 | 2100.5 | 144 | 2102.8 | 170 | 2102.7 | 181 | 137000 | |
| GR2102.3 | 186 | 2103.6 | 200 | 2103.9 | 370 | 2103.7 | 381 | 2105.3 | 426 | 138000 | |
| GR2108.0 | 434 | 2117.5 | 453 | | | | | | | 139000 | |
| NC | .12 | .12 | .065 | | | | | | | 140000 | |
| ET | 6 | 2770 | 5550 | 8920 | 10700 | 14670 | 10700 | | | 141000 | |
| ET | | | | | | | | | | 142000 | |
| Y1 | 2.20 | 10 | 94 | 160 | 2600 | 2160 | 2360 | | | 143000 | |
| GR2143.6 | 0 | 2113.0 | 14 | 2139.0 | 21 | 2135.6 | 31 | 2125.5 | 40 | 144000 | |
| GR2124.0 | 96 | 2122.5 | 101 | 2121.8 | 106 | 2121.5 | 120 | 2121.9 | 136 | 145000 | |
| GR2122.3 | 145 | 2123.0 | 156 | 2123.9 | 159 | 2125.0 | 160 | 2136.7 | 160 | 146000 | |
| GR2138.4 | 180 | 2138.6 | 299 | 2148.5 | 313 | | | | | 147000 | |
| NC | .14 | .13 | .055 | | | | | | | 148000 | |
| ET | | | | | | | | | | 150000 | |
| Y1 | 2.52 | 26 | 334 | 368 | 1640 | 1800 | 1800 | | | 151000 | |
| GR2175.6 | 0 | 2158.1 | 1 | 2156.5 | 19 | 2155.1 | 20 | 2153.3 | 30 | 152000 | |
| GR2153.1 | 39 | 2154.9 | 51 | 2151.5 | 66 | 2155.7 | 106 | 2152.7 | 186 | 153000 | |
| GR2151.0 | 222 | 2153.7 | 244 | 2153.6 | 271 | 2151.4 | 306 | 2148.7 | 327 | 154000 | |
| GR2145.5 | 350 | 2144.8 | 341 | 2144.4 | 344 | 2144.1 | 351 | 2143.0 | 361 | 155000 | |
| GR2142.5 | 371 | 2142.2 | 361 | 2143.6 | 348 | 2145.0 | 388 | 2150.1 | 396 | 156000 | |
| GR2169.0 | 410 | | | | | | | | | 157000 | |
| NC | .13 | .10 | .055 | | | | | | | 158000 | |
| ET | 8 | 2750 | 5536 | 8970 | 10630 | 14600 | 10630 | | | 159000 | |
| ET | | | | | | | | | | 160000 | |
| Y1 | 2.52 | 28 | 112 | 177 | 440 | 560 | 540 | | | 161000 | |
| GR2174.6 | 0 | 2164.5 | 10 | 2162.3 | 14 | 2163.0 | 39 | 2162.5 | 78 | 162000 | |
| GR2161.1 | 101 | 2150.5 | 112 | 2147.4 | 115 | 2146.9 | 126 | 2146.6 | 130 | 163000 | |
| GR2146.5 | 141 | 2146.2 | 150 | 2146.6 | 167 | 2144.5 | 174 | 2150.5 | 177 | 164000 | |
| GR2155.4 | 175 | 2156.4 | 210 | 2156.6 | 215 | 2157.2 | 219 | 2156.5 | 225 | 165000 | |
| GR2150.8 | 246 | 2156.3 | 295 | 2164.3 | 366 | 2168.0 | 385 | | | 166000 | |
| Y1 | 2.52 | | | | 60 | 40 | 40 | | | 167000 | |
| SP | 1.25 | 1.6 | 3 | 0 | 78.0 | 2 | 902 | .57 | 2140.0 | 2146.8 | 168000 |
| ET | | | | | | | | | | 169000 | |
| Y1 | 2.52 | | | | 30 | 30 | 30 | | | 170000 | |
| Y2 | | | | | 2157.3 | 2158.3 | | | | 171000 | |
| BT | 13 | 5 | 2171.0 | 0 | 15 | 2165.5 | 0 | 25 | 2160.0 | 0 | 172000 |
| BT | 27 | 2160.8 | 0 | 65 | 2160.4 | 0 | 93 | 2160.0 | 0 | 93 | 173000 |
| BT | 2162.2 | 0 | 192 | 2162.2 | 0 | 192 | 2160.1 | 0 | 224 | 2154.8 | 174000 |
| BT | | 292 | 2158.3 | 0 | 362 | 2164.4 | 0 | 385 | 2166.7 | 0 | 175000 |
| Y1 | 2.52 | | | | 10 | 10 | 10 | | | 176000 | |
| NC | .12 | .10 | .06 | | | | | | | 177000 | |
| ET | | | | | | | | | | 179000 | |
| Y1 | 2.21 | 10 | 76 | 155 | 1250 | 1130 | 1210 | | | 180000 | |
| GR2201.2 | 0 | 2184.9 | 30 | 2184.5 | 46 | 2154.5 | 70 | 2161.6 | 70 | 181000 | |
| GR2159.3 | 91 | 2155.3 | 114 | 2161.5 | 136 | 2164.9 | 155 | 2165.6 | 160 | 182000 | |
| GR2169.9 | 214 | 2169.9 | 245 | 2169.0 | 297 | 2193.5 | 346 | | | 183000 | |

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| NC | .10 | .10 | .06 | | | | | | | 184000 |
| OT | 0 | 2720 | 5490 | 8810 | 10560 | 14500 | 10560 | | | 185000 |
| ET | | | | | | | | | | 186000 |
| X1 | 3.11 | 16 | 125 | 203 | 1440 | 1040 | 1300 | | | 167000 |
| GR2200.8 | 0 | 2196.3 | 16 | 2191.4 | 50 | 2182.1 | 80 | 2181.8 | 91 | 188000 |
| GR2171.5 | 125 | 2169.4 | 132 | 2168.0 | 153 | 2168.0 | 170 | 2169.8 | 198 | 189000 |
| GR2172.0 | 203 | 2179.0 | 222 | 2180.3 | 225 | 2180.3 | 249 | 2178.6 | 266 | 190000 |
| GR2200.3 | 327 | | | | | | | | | 191000 |
| NC | .12 | .08 | .06 | | | | | | | 192000 |
| ET | | | | | | | | | | 194000 |
| X1 | 3.36 | 20 | 90 | 214 | 1040 | 1280 | 1120 | | | 195000 |
| GR2205.4 | 0 | 2193.8 | 65 | 2183.4 | 82 | 2181.0 | 90 | 2178.4 | 100 | 196000 |
| GR2176.0 | 150 | 2170.0 | 176 | 2178.5 | 199 | 2183.4 | 214 | 2183.5 | 215 | 197000 |
| GR2187.1 | 231 | 2187.1 | 240 | 2186.7 | 292 | 2185.9 | 332 | 2186.9 | 345 | 198000 |
| GR2180.9 | 503 | 2185.9 | 553 | 2185.9 | 578 | 2184.8 | 591 | 2205.7 | 643 | 199000 |
| NH | 0 | .13 | 122 | .04 | 217 | .08 | 729 | .30 | 1239 | 200000 |
| OT | 6 | 2700 | 5460 | 8760 | 10490 | 14420 | 10490 | | | 201000 |
| ET | | | | | | | | | | 202000 |
| X1 | 3.58 | 26 | 122 | 217 | 800 | 1000 | 870 | | | 203000 |
| GR2221.0 | 0 | 2200.0 | 40 | 2193.0 | 74 | 2194.2 | 97 | 2192.5 | 108 | 204000 |
| GR2188.9 | 122 | 2187.0 | 122 | 2186.6 | 150 | 2187.7 | 180 | 2190.3 | 217 | 205000 |
| GR2190.3 | 265 | 2188.8 | 262 | 2188.5 | 282 | 2186.0 | 314 | 2188.8 | 384 | 206000 |
| GR2191.1 | 415 | 2189.5 | 500 | 2190.8 | 729 | 2191.7 | 763 | 2191.9 | 838 | 207000 |
| GR2191.0 | 949 | 2191.5 | 1037 | 2195.6 | 1107 | 2195.6 | 1128 | 2199.4 | 1170 | 208000 |
| GR2217.9 | 1239 | | | | | | | | | 209000 |
| NH | 5 | .20 | 237 | .10 | 470 | .055 | 646 | .08 | 950 | 210000 |
| NH | 1390 | | | | | | | | | 210100 |
| ET | | | | | | | | | | 212000 |
| X1 | 3.80 | 21 | 470 | 645 | 1000 | 1040 | 990 | | | 213000 |
| GR2236.5 | 0 | 2206.7 | 103 | 2205.3 | 237 | 2203.1 | 240 | 2203.1 | 300 | 214000 |
| GR2205.0 | 320 | 2205.4 | 378 | 2209.8 | 398 | 2204.0 | 415 | 2201.4 | 470 | 215000 |
| GR2198.0 | 470 | 2197.0 | 518 | 2197.0 | 583 | 2197.8 | 620 | 2204.4 | 646 | 216000 |
| GR2203.0 | 950 | 2202.3 | 1224 | 2211.6 | 1326 | 2211.6 | 1351 | 2211.4 | 1356 | 217000 |
| GR2253.0 | 1396 | | | | | | | | | 218000 |
| NC | .13 | .11 | .06 | | | | | | | 219000 |
| OT | 5 | 2670 | 5430 | 8710 | 10420 | 14340 | 10420 | | | 220000 |
| ET | | | | | | | | | | 221000 |
| X1 | 4.00 | 17 | 109 | 197 | 320 | 800 | 520 | -2.0 | | 222000 |
| GR2244.2 | 0 | 2220.1 | 40 | 2221.4 | 54 | 2221.4 | 74 | 2218.1 | 91 | 223000 |
| GR2210.0 | 100 | 2206.7 | 105 | 2206.5 | 105 | 2205.0 | 140 | 2205.0 | 155 | 224000 |
| GR2206.0 | 190 | 2209.5 | 197 | 2212.0 | 245 | 2214.9 | 350 | 2227.0 | 390 | 225000 |
| GR2220.5 | 412 | 2205.0 | 440 | | | | | | | 226000 |
| X1 | 4.09 | 17 | 109 | 197 | 500 | 500 | 500 | 2.0 | | 226100 |
| GR2244.2 | 0 | 2220.1 | 40 | 2221.4 | 54 | 2221.4 | 74 | 2218.1 | 91 | 226200 |
| GR2210.0 | 100 | 2206.7 | 105 | 2206.5 | 105 | 2205.0 | 140 | 2205.0 | 155 | 226300 |
| GR2206.0 | 190 | 2210.0 | 197 | 2214.4 | 205 | 2216.1 | 305 | 2227.0 | 390 | 226400 |
| GR2226.5 | 412 | 2205.0 | 440 | | | | | | | 226500 |
| NC | .12 | .12 | .05 | | | | | | | 227000 |
| ET | | | | | | | | | | 229000 |
| X1 | 4.25 | 20 | 185 | 276 | 680 | 600 | 760 | | | 230000 |
| GR2235.4 | 0 | 2221.3 | 27 | 2219.5 | 40 | 2217.7 | 61 | 2218.8 | 76 | 231000 |
| GR2219.8 | 110 | 2221.4 | 110 | 2222.0 | 140 | 2223.0 | 155 | 2222.4 | 170 | 232000 |
| GR2214.5 | 195 | 2213.2 | 192 | 2213.4 | 205 | 2213.9 | 215 | 2213.9 | 245 | 233000 |
| GR2215.5 | 255 | 2213.7 | 260 | 2213.2 | 266 | 2214.0 | 273 | 2215.0 | 276 | 234000 |
| GR2216.0 | 285 | 2225.6 | 295 | 2225.3 | 310 | 2226.5 | 318 | 2225.1 | 338 | 235000 |
| GR2223.0 | 341 | 2225.0 | 345 | 2235.0 | 360 | | | | | 236000 |
| NC | .05 | .05 | .05 | | | | | | | 236100 |
| ET | | | | | | | | | | 237000 |
| X1 | 4.25 | | | 40 | 40 | 40 | | | | 238000 |
| ET | | | | | | | | | | 239000 |

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| X1 | 4.25 | 30 | 186 | 274 | 1 | 1 | 1 | | | 240000 | |
| BT | 10 | 150 | 2224.4 | 0 | 184 | 2225.8 | 0 | 184 | 2227.2 | 0 | 241000 |
| BT | 186 | 2227.2 | 0 | 186 | 2227.2 | 2223.0 | 274 | 2227.9 | 2223.0 | 274 | 242000 |
| BT2227.9 | 0 | 275 | 2227.0 | 0 | 275 | 2225.7 | 0 | 311 | 2225.4 | | 243000 |
| BT | 0 | | | | | | | | | | 244000 |
| GR2235.0 | 12 | 2231.0 | 25 | 2224.5 | 32 | 2219.4 | 40 | 2219.6 | 75 | | 245000 |
| GR2224.4 | 150 | 2225.8 | 180 | 2225.8 | 186 | 2213.6 | 186 | 2212.4 | 200 | | 246000 |
| GR2213.1 | 210 | 2213.6 | 220 | 2214.1 | 229 | 2223.0 | 229 | 2223.0 | 231 | | 247000 |
| GR2213.9 | 231 | 2213.2 | 240 | 2213.0 | 250 | 2213.3 | 257 | 2212.8 | 267 | | 248000 |
| GR2213.7 | 214 | 2225.7 | 270 | 2225.7 | 275 | 2225.4 | 311 | 2226.5 | 316 | | 249000 |
| GR2225.1 | 338 | 2224.5 | 330 | 2224.3 | 343 | 2225.0 | 345 | 2225.0 | 360 | | 250000 |
| FT | | | | | | | | | | | 251000 |
| X1 | 4.25 | | | 30 | 30 | 30 | 30 | | | | 252000 |
| X2 | | | | | | | | | | | 253000 |
| X1 | 4.25 | 28 | 185 | 276 | 1 | 1 | 1 | | | | 255000 |
| GR2235.4 | 0 | 2221.3 | 27 | 2219.5 | 40 | 2217.7 | 61 | 2218.8 | 76 | | 256000 |
| GR2219.8 | 98 | 2221.4 | 110 | 2222.9 | 140 | 2223.0 | 155 | 2222.4 | 174 | | 257000 |
| GR2214.5 | 185 | 2213.2 | 192 | 2213.4 | 205 | 2213.9 | 215 | 2213.9 | 245 | | 258000 |
| GR2213.5 | 255 | 2213.7 | 260 | 2213.2 | 266 | 2214.0 | 273 | 2215.0 | 276 | | 259000 |
| GR2213.0 | 255 | 2223.6 | 295 | 2225.3 | 310 | 2226.3 | 316 | 2225.1 | 338 | | 260000 |
| GR2223.9 | 341 | 2225.0 | 345 | 2225.0 | 360 | | | | | | 261000 |
| NC | .10 | .12 | .05 | | | | | | | | 261100 |
| FT | | | | | | | | | | | 262000 |
| X1 | 4.25 | | | 20 | 20 | 20 | | | | | 263000 |
| NC | .13 | .10 | .05 | | | | | | | | 264000 |
| QT | 6 | 2650 | 5390 | 8640 | 10330 | 14230 | 10330 | | | | 265000 |
| ET | | | | | | | | | | | 266000 |
| X1 | 4.56 | 15 | .87 | 164 | 1600 | 1600 | 1600 | | | | 267000 |
| GR2269.3 | 0 | 2225.5 | 87 | 2223.7 | 91 | 2220.2 | 100 | 2220.2 | 138 | | 268000 |
| GR2224.0 | 162 | 2225.5 | 164 | 2230.0 | 172 | 2239.0 | 221 | 2230.5 | 246 | | 269000 |
| GR2237.0 | 249 | 2239.8 | 255 | 2238.8 | 262 | 2241.2 | 340 | 2251.1 | 480 | | 270000 |
| GR2260.3 | 580 | | | | | | | | | | 271000 |
| NC | .13 | .13 | .05 | | | | | | | | 272000 |
| QT | 6 | 2640 | 5390 | 8620 | 10310 | 14200 | 10310 | | | | 273000 |
| ET | | | | | | | | | | | 274000 |
| X1 | 4.75 | 15 | 100 | 134 | 1000 | 970 | 1000 | | | | 275000 |
| GR2271.2 | 0 | 2252.0 | 35 | 2252.0 | 50 | 2244.7 | 95 | 2239.0 | 106 | | 276000 |
| GR2235.7 | 112 | 2230.4 | 135 | 2230.4 | 155 | 2235.7 | 177 | 2241.0 | 184 | | 277000 |
| GR2252.0 | 197 | 2254.1 | 216 | 2253.2 | 235 | 2252.4 | 230 | 2291.4 | 305 | | 278000 |
| X1 | 4.85 | | | 550 | 550 | 550 | | | | | 278010 |
| X1 | 5.05 | | | 1020 | 1020 | 1020 | | 15 | | | 278100 |
| NC | .12 | .10 | .055 | | | | | | | | 279000 |
| QT | 6 | 2610 | 5350 | 8500 | 10240 | 14110 | 10240 | | | | 280000 |
| ET | | | | | | | | | | | 281000 |
| X1 | 5.20 | 18 | 57 | 217 | 860 | 700 | 770 | | | | 282000 |
| GR2280.7 | 0 | 2271.0 | 31 | 2271.0 | 42 | 2261.5 | 57 | 2258.0 | 62 | | 283000 |
| GR2257.1 | 92 | 2250.1 | 136 | 2261.1 | 152 | 2261.1 | 162 | 2258.0 | 172 | | 284000 |
| GR2257.1 | 190 | 2250.0 | 197 | 2261.5 | 207 | 2265.4 | 219 | 2271.0 | 227 | | 285000 |
| GR2271.0 | 250 | 2260.7 | 250 | 2320.0 | 327 | | | | | | 286000 |
| NC | .15 | .12 | .06 | | | | | | | | 287000 |
| FT | | | | | | | | | | | 289000 |
| X1 | 5.41 | 18 | 115 | 226 | 1120 | 1120 | 1120 | | | | 290000 |
| GR2307.5 | 0 | 2275.1 | 72 | 2275.1 | 95 | 2260.4 | 115 | 2267.0 | 125 | | 291000 |
| GR2265.7 | 155 | 2265.7 | 182 | 2266.4 | 211 | 2268.7 | 226 | 2270.4 | 245 | | 292000 |
| GR2274.5 | 311 | 2271.0 | 393 | 2274.1 | 443 | 2276.4 | 460 | 2276.4 | 480 | | 293000 |
| GR2276.1 | 450 | 2276.1 | 450 | 2305.0 | 476 | | | | | | 294000 |
| NC | .15 | .10 | .085 | | | | | | | | 295000 |
| QT | 6 | 2570 | 5320 | 8500 | 10160 | 14020 | 10160 | | | | 296000 |
| ET | | | | | | | | | | | 297000 |
| X1 | 5.70 | 19 | 149 | 270 | 1160 | 1020 | 1500 | | | | 298000 |

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| GR2319.5 | 0 | 2291.8 | 72 | 2291.8 | 95 | 2286.7 | 129 | 2283.8 | 169 | 290000 |
| GR2281.7 | 178 | 2280.2 | 220 | 2280.2 | 228 | 2281.7 | 269 | 2283.9 | 274 | 300000 |
| GR2289.3 | 286 | 2290.1 | 293 | 2290.1 | 312 | 2294.6 | 412 | 2310.3 | 514 | 301000 |
| GR2312.8 | 538 | 2312.8 | 550 | 2312.3 | 566 | 2317.1 | 617 | | | 302000 |
| NC | .13 | .06 | .045 | | | | | | | 303000 |
| ET | | | | | | | | | | 305000 |
| X1 | 5.84 | 13 | 563 | 650 | 585 | 585 | 585 | | | 306000 |
| GR2300.5 | 57 | 2297.7 | 327 | 2297.0 | 457 | 2295.4 | 498 | 2295.7 | 563 | 308000 |
| GR2285.7 | 591 | 2283.9 | 611 | 2283.9 | 622 | 2285.7 | 637 | 2298.2 | 659 | 309000 |
| GR2298.2 | 678 | 2297.6 | 686 | 2307.2 | 754 | | | | | 310000 |
| NC | .12 | .10 | .045 | | | | | | | 311000 |
| Q1 | 0 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | | | 312000 |
| ET | | | | | | | | | | 313000 |
| X1 | 5.96 | 17 | 352 | 434 | 600 | 450 | 500 | | | 314000 |
| GR2344.8 | 0 | 2313.1 | 60 | 2305.3 | 97 | 2308.2 | 140 | 2309.2 | 189 | 315000 |
| GR2306.1 | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.8 | 352 | 316000 |
| GR2293.6 | 434 | 2295.1 | 431 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 | 317000 |
| GR2303.6 | 556 | 2333.2 | 601 | | | | | | | 318000 |
| FJ | | | | | | | | | | 319000 |
| T1 | | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFK | | | | 325000 |
| T2 | | 50-YEAR FLOOD | | | | H011270 JHN | | | | 326000 |
| T3 | | RAVEN FORK | | | | FLOOD PROFILES | | | | 327000 |
| J1 | | 4 | | .00729 | | | 2025 | | | 328000 |
| J2 | 2 | -1 | | | | | | | | 329000 |
| T1 | | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFK | | | | 330000 |
| T2 | | 100-YEAR FLOOD | | | | H011270 JHN | | | | 331000 |
| T3 | | RAVEN FORK | | | | FLOOD PROFILES | | | | 332000 |
| J1 | | 5 | | .00729 | | | 2025 | | | 333000 |
| J2 | 3 | -1 | | | | | | | | 334000 |
| T1 | | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFK | | | | 335000 |
| T2 | | 500-YEAR FLOOD | | | | H011270 JHN | | | | 336000 |
| T3 | | RAVEN FORK | | | | FLOOD PROFILES | | | | 337000 |
| J1 | | 6 | | .00729 | | | 2025 | | | 338000 |
| J2 | 15 | -1 | | | | | | | | 339000 |
| | | | | | | | | | | 340000 |
| | | | | | | | | | | 341000 |
| | | | | | | | | | | 342000 |
| FR | | | | | | | | | | 343000 |

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 FRRDP CUPR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|----------------|-----|------|
| T1 | CHEXOKEE INDIAN LANDS | DSNERAVENFK | 000 | 1000 |
| T2 | 10-YEAR FLOOD | H011270 JHN | 000 | 2000 |
| T3 | RAVEN FURK | FLOOD PROFILES | 000 | 3000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|------|
| J1 | ICHECK | IND | NINQ | TOTR | SIRT | METRIC | HVINS | Q | WSEL | EQ | |
| | 0. | 5. | 0. | 0. | .00720 | 0. | .00 | 0. | 2025.00 | .00 | 4000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|------|
| J2 | MPROF | TRPUT | PREVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIN | ITRACE | |
| | 0. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 5000 |

| | | | | | | | | | | | |
|----|-------------------------------------|-----|--------|-----|-----|-----|-----|-----|-----|-----|------|
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | | |
| | 150.00 | .00 | 150.00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6000 |

| | | | | | | | | | | | |
|----|-------|-------|--|--|--|--|--|--|--|--|------|
| J6 | INLEN | ICOPY | | | | | | | | | 7000 |
| | 1. | 0. | | | | | | | | | |

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|----|-------|-------|-------|-------|--------|--------|--------|------|-------|------|-------|
| UC | .000 | .000 | .000 | .1 | .5 | | | | | | 8000 |
| MD | 5. | .060 | 606. | .150 | 769. | .050 | 857. | .130 | 1006. | .060 | 9000 |
| MI | 1050. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 10000 |
| OT | 6. | 2400. | 5700. | 9100. | 10900. | 15000. | 10900. | 0. | 0. | 0. | 11000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 12000 |

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|----|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|-------|
| Y1 | .21 | 21. | 769. | 857. | 0. | 0. | 0. | .00 | .00 | 0. | 13000 |
| GR | 2051.0 | 0. | 2029.4 | 50. | 2025.0 | 228. | 2025.0 | 250. | 2026.7 | 406. | 14000 |
| GR | 2025.1 | 000. | 2026.9 | 700. | 2026.2 | 747. | 2010.5 | 760. | 2016.8 | 769. | 15000 |
| GR | 2019.9 | 777. | 2014.6 | 803. | 2014.9 | 830. | 2015.2 | 840. | 2016.5 | 850. | 16000 |
| GR | 2014.9 | 850. | 2020.9 | 857. | 2023.5 | 869. | 2024.9 | 892. | 2023.7 | 907. | 17000 |
| GR | 2022.6 | 921. | 2020.1 | 1000. | 2022.6 | 1107. | 2023.3 | 1209. | 2026.1 | 1406. | 18000 |
| GR | 2027.9 | 1100. | 2028.8 | 1650. | .0 | 0. | .0 | 0. | .0 | 0. | 19000 |

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|----|-----|----|----|----|-----|-----|-----|-----|-----|----|-------|
| X1 | .21 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 20000 |
|----|-----|----|----|----|-----|-----|-----|-----|-----|----|-------|

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Y1 | .21 | 75. | 769. | 857. | 1. | 1. | 1. | .00 | .00 | 0. | 21000 |
| PI | 10.0 | 690.0 | 2028.2 | .0 | 754.0 | 2030.1 | .0 | 754.0 | 2032.8 | .0 | 22000 |
| PI | 769.0 | 2033.7 | .0 | 769.0 | 2033.7 | 2020.0 | 770.0 | 2033.8 | 2023.5 | 773.0 | 23000 |
| PI | 2033.0 | 2025.5 | 769.0 | 2034.4 | 2027.3 | 810.0 | 2034.0 | 2028.0 | 830.0 | 2034.8 | 24000 |
| PI | 2027.2 | 850.0 | 2034.1 | 2023.5 | 857.0 | 2033.6 | 2020.9 | 857.0 | 2035.6 | .0 | 25000 |
| PI | 801.0 | 2033.3 | .0 | 801.0 | 2030.1 | .0 | 916.0 | 2027.9 | .0 | .0 | 26000 |
| GR | 2031.4 | 0. | 2029.4 | 50. | 2027.8 | 150. | 2027.7 | 254. | 2028.3 | 350. | 27000 |

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|-----------|-------|--------|-------|--------|-------|--------|-------|--------|-------|-------|
| GR 2020.2 | 450. | 2027.6 | 550. | 2027.7 | 606. | 2027.8 | 653. | 2028.2 | 694. | 28000 |
| GR 2030.1 | 754. | 2033.7 | 768. | 2019.5 | 768. | 2018.7 | 770. | 2017.7 | 773. | 29000 |
| GR 2013.4 | 789. | 2013.9 | 800. | 2014.8 | 810. | 2015.3 | 830. | 2015.5 | 840. | 30000 |
| GR 2016.0 | 846. | 2016.5 | 850. | 2018.9 | 850. | 2020.9 | 857. | 2033.6 | 857. | 31000 |
| GR 2033.3 | 861. | 2030.1 | 861. | 2027.8 | 916. | 2026.8 | 951. | 2026.0 | 1006. | 32000 |
| GR 2025.7 | 1052. | 2025.3 | 1152. | 2026.9 | 1360. | 2028.3 | 1550. | 2028.8 | 1650. | 33000 |
| FT 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 34000 |

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|----|-------|------|------|------|------|------|------|------|-------|------|-------|
| Y1 | .21 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 35000 |
| Y2 | 0. | .00 | 0. | 0. | 0. | .00 | 1. | .00 | 0. | 0. | 36000 |
| IH | 5. | .060 | 606. | .130 | 768. | .050 | 857. | .130 | 1006. | .130 | 37000 |
| NH | 1650. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 38000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 39000 |

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|-----------|-------|--------|-------|--------|-------|--------|-------|--------|-------|-------|-------|
| Y1 | .21 | 27. | 766. | 657. | 1. | 1. | 1. | .00 | .00 | 0. | 40000 |
| GR 2031.4 | 0. | 2029.4 | 50. | 2025.0 | 228. | 2025.0 | 250. | 2026.7 | 406. | 41000 | |
| GR 2025.1 | 606. | 2025.9 | 706. | 2026.2 | 747. | 2019.5 | 768. | 2016.8 | 769. | 42000 | |
| GR 2014.0 | 777. | 2014.6 | 808. | 2014.9 | 830. | 2015.2 | 840. | 2016.5 | 850. | 43000 | |
| GR 2018.9 | 850. | 2020.9 | 857. | 2023.5 | 869. | 2024.9 | 892. | 2023.2 | 907. | 44000 | |
| GR 2022.6 | 921. | 2024.1 | 1006. | 2022.6 | 1107. | 2023.3 | 1209. | 2026.1 | 1406. | 45000 | |
| GR 2027.8 | 1490. | 2028.8 | 1650. | 0. | 0. | 0. | 0. | 0. | 0. | 46000 | |
| NH | 5. | .060 | 606. | .130 | 768. | .050 | 857. | .130 | 1107. | .300 | 47000 |
| NH | 1650. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 48000 |

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|----|-----|----|----|----|-----|-----|-----|-----|-----|----|-------|
| X1 | .21 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 49000 |
|----|-----|----|----|----|-----|-----|-----|-----|-----|----|-------|

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|----|------|------|------|-----|------|------|------|-----|------|-----|-------|
| Y1 | .00 | 0. | 0. | 0. | 930. | 930. | 930. | .00 | 6.00 | 0. | 50000 |
| NC | .130 | .130 | .050 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 51000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 53000 |

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|-----------|------|--------|------|--------|------|--------|------|--------|------|-------|-------|
| Y1 | .56 | 31. | 409. | 515. | 700. | 830. | 830. | .00 | .00 | 0. | 54000 |
| GR 2050.0 | 0. | 2042.2 | 17. | 2041.2 | 55. | 2040.0 | 76. | 2041.7 | 82. | 55000 | |
| GR 2040.7 | 103. | 2040.1 | 109. | 2041.0 | 118. | 2040.4 | 143. | 2039.7 | 255. | 56000 | |
| GR 2039.9 | 323. | 2045.6 | 343. | 2040.8 | 360. | 2035.5 | 383. | 2032.7 | 409. | 57000 | |
| GR 2029.5 | 417. | 2029.0 | 417. | 2027.6 | 425. | 2027.4 | 435. | 2027.3 | 450. | 58000 | |
| GR 2025.1 | 495. | 2029.0 | 502. | 2020.6 | 502. | 2037.0 | 515. | 2037.5 | 535. | 59000 | |
| GR 2042.4 | 546. | 2042.1 | 555. | 2043.4 | 755. | 2047.0 | 835. | 2052.4 | 935. | 60000 | |
| GR 2057.0 | 591. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 61000 | |
| NC | .130 | .120 | .060 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 62000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 64000 |

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|-----------|-------|--------|-------|--------|------|--------|------|--------|------|-------|-------|
| X1 | .60 | 27. | 435. | 541. | 55. | 210. | 150. | .00 | .00 | 0. | 65000 |
| GR 2055.0 | 305. | 2052.9 | 327. | 2048.9 | 340. | 2047.5 | 383. | 2037.1 | 411. | 66000 | |
| GR 2030.7 | 433. | 2032.5 | 434. | 2031.1 | 439. | 2030.9 | 455. | 2031.2 | 485. | 67000 | |
| GR 2031.0 | 500. | 2031.3 | 515. | 2032.3 | 524. | 2033.0 | 524. | 2038.1 | 541. | 68000 | |
| GR 2037.0 | 569. | 2042.6 | 589. | 2042.6 | 605. | 2043.6 | 700. | 2044.9 | 703. | 69000 | |
| GR 2044.7 | 609. | 2044.0 | 611. | 2044.9 | 617. | 2047.1 | 650. | 2048.4 | 950. | 70000 | |
| GR 2052.2 | 1056. | 2055.0 | 1084. | 0. | 0. | 0. | 0. | 0. | 0. | 71000 | |

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|----|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|-----|--------|
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 72000 |
| Y1 | .60 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | | 73000 |
| X3 | 10. | .0 | .0 | 0. | .0 | 0. | .0 | 2035.0 | 2044.0 | | | 74000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 101.00 | 4.00 | 1243.00 | 1.50 | 2031.1 | 2031.1 | | 75000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 76000 |
| Y1 | .60 | 30. | 433. | 540. | 30. | 30. | 30. | .00 | .00 | 0. | | 77000 |
| Y2 | 0. | .00 | 1. | 2042.1 | 2046.5 | .00 | 0. | .00 | .0 | 0. | | 78000 |
| Y3 | 10. | .0 | .0 | 0. | .0 | 0. | .0 | 2035.0 | 2046.5 | | | 79000 |
| BT | 12.0 | 305.0 | 2055.0 | .0 | 327.0 | 2052.9 | .0 | 340.0 | 2038.9 | .0 | | 80000 |
| PT | 383.0 | 2047.5 | .0 | 406.0 | 2047.5 | .0 | 406.0 | 2047.5 | 2046.8 | 540.0 | | 81000 |
| BT | 2048.2 | 2042.4 | 540.0 | 2048.2 | .0 | 545.0 | 2048.2 | .0 | 545.0 | 2048.2 | | 82000 |
| BT | .0 | 604.0 | 2048.8 | .0 | 609.0 | 2046.6 | .0 | 700.0 | 2047.5 | .0 | | 83000 |
| BT | 800.0 | 2043.0 | .0 | 910.0 | 2047.9 | .0 | 950.0 | 2048.4 | .0 | 1050.0 | | 84000 |
| PT | 2052.2 | .0 | 1084.0 | 2055.0 | .0 | .0 | .0 | .0 | .0 | .0 | | 85000 |
| GR | 2055.0 | 305. | 2052.9 | 327. | 2048.9 | 340. | 2047.5 | 383. | 2039.0 | 406. | | 86000 |
| GR | 2037.1 | 411. | 2030.7 | 433. | 2032.5 | 434. | 2031.1 | 434. | 2030.9 | 455. | | 87000 |
| GR | 2031.2 | 485. | 2031.0 | 500. | 2031.3 | 515. | 2032.3 | 524. | 2033.0 | 524. | | 88000 |
| GR | 2038.1 | 540. | 2038.0 | 545. | 2037.9 | 569. | 2042.6 | 589. | 2042.6 | 609. | | 89000 |
| GR | 2043.5 | 700. | 2044.9 | 793. | 2044.7 | 800. | 2044.0 | 811. | 2044.9 | 817. | | 90000 |
| GR | 2047.1 | 850. | 2047.9 | 910. | 2048.4 | 950. | 2052.2 | 1050. | 2055.0 | 1084. | | 91000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 92000 |
| Y1 | .60 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | | 93000 |
| AC | 1.50 | .150 | .050 | .0 | .0 | | | | | | | 94000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 96000 |
| Y1 | .60 | 21. | 250. | 330. | 1150. | 1020. | 1090. | .00 | .00 | 0. | | 97000 |
| GR | 2068.0 | 192. | 2064.0 | 201. | 2060.0 | 210. | 2056.0 | 222. | 2052.0 | 232. | | 98000 |
| GR | 2048.0 | 200. | 2040.0 | 250. | 2039.6 | 257. | 2039.1 | 260. | 2038.6 | 260. | | 99000 |
| GR | 2038.0 | 250. | 2038.0 | 310. | 2038.4 | 315. | 2038.0 | 315. | 2039.4 | 322. | | 100000 |
| GR | 2040.0 | 230. | 2044.0 | 330. | 2052.0 | 342. | 2056.0 | 352. | 2050.0 | 365. | | 101000 |
| GR | 2060.0 | 272. | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | 102000 |
| PL | .150 | .150 | .050 | .0 | .0 | | | | | | | 103000 |
| BT | .0 | 2000. | 5640. | 4040. | 10840. | 14890. | 10940. | .0 | .0 | .0 | | 104000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 105000 |
| Y1 | .44 | 31. | 291. | 320. | 760. | 760. | 760. | .00 | .00 | 0. | | 106000 |
| GR | 2064.1 | .0 | 2060.5 | 29. | 2058.5 | 50. | 2057.1 | 128. | 2056.0 | 228. | | 107000 |
| GR | 2065.0 | 251. | 2040.4 | 253. | 2043.4 | 259. | 2042.5 | 259. | 2042.0 | 262. | | 108000 |
| GR | 2041.7 | 270. | 2041.5 | 280. | 2041.5 | 290. | 2042.0 | 310. | 2042.8 | 315. | | 109000 |
| GR | 2043.5 | 415. | 2045.6 | 320. | 2047.4 | 327. | 2048.5 | 347. | 2049.2 | 372. | | 110000 |
| GR | 2051.0 | 320. | 2057.1 | 404. | 2056.2 | 415. | 2056.4 | 427. | 2057.0 | 430. | | 111000 |
| GR | 2056.6 | 467. | 2057.5 | 475. | 2060.5 | 487. | 2060.7 | 492. | 2060.0 | 512. | | 112000 |
| GR | 2057.0 | 520. | 2059.7 | 525. | 2060.7 | 537. | 2065.5 | 546. | .0 | 0. | | 113000 |
| PL | .150 | .150 | .050 | .0 | .0 | | | | | | | 114000 |
| BT | .6 | 2940. | 5610. | 4010. | 10810. | 14810. | 10810. | .0 | .0 | .0 | | 115000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | | 116000 |

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|----|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| XI | 1.42 | 21. | 35. | 104. | 2560. | 2840. | 2720. | .00 | .00 | 0. | 117000 |
| GR | 2091.5 | 0. | 2068.0 | 35. | 2067.0 | 35. | 2065.1 | 01. | 2065.5 | 50. | 118000 |
| GR | 2065.0 | 71. | 2065.9 | 85. | 2066.1 | 96. | 2067.5 | 101. | 2069.9 | 104. | 119000 |
| GR | 2074.5 | 132. | 2078.6 | 146. | 2080.0 | 176. | 2080.0 | 184. | 2081.6 | 189. | 120000 |
| GR | 2082.0 | 209. | 2080.5 | 215. | 2080.9 | 232. | 2082.4 | 254. | 2088.0 | 274. | 121000 |
| GR | 2092.0 | 286. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 122000 |
| MC | .100 | .100 | .060 | .0 | .0 | | | | | | 123000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 125000 |

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|----|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| YI | 1.64 | 20. | 147. | 201. | 1280. | 1280. | 1280. | .00 | .00 | 0. | 126000 |
| GR | 2112.2 | 0. | 2108.5 | 11. | 2100.7 | 25. | 2097.0 | 90. | 2093.9 | 127. | 127000 |
| GR | 2090.0 | 137. | 2090.6 | 147. | 2089.6 | 147. | 2088.5 | 153. | 2088.9 | 167. | 128000 |
| GR | 2089.4 | 176. | 2089.1 | 183. | 2087.9 | 189. | 2088.0 | 195. | 2090.1 | 201. | 129000 |
| GR | 2103.7 | 216. | 2103.4 | 234. | 2103.2 | 237. | 2108.5 | 241. | 2113.5 | 246. | 130000 |
| MC | .120 | .100 | .060 | .0 | .0 | | | | | | 131000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 133000 |

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|----|--------|------|--------|------|--------|--------|--------|------|--------|------|--------|
| YI | 1.76 | 22. | 26. | 119. | 640. | 720. | 640. | .00 | .00 | 0. | 134000 |
| GR | 2117.5 | 0. | 2098.0 | 20. | 2097.0 | 26. | 2095.0 | 28. | 2094.0 | 28. | 135000 |
| GR | 2093.2 | 31. | 2092.8 | 51. | 2093.4 | 91. | 2093.8 | 96. | 2093.8 | 109. | 136000 |
| GR | 2099.7 | 115. | 2095.0 | 118. | 2100.5 | 144. | 2102.8 | 170. | 2102.7 | 181. | 137000 |
| GR | 2102.3 | 186. | 2102.4 | 240. | 2103.0 | 370. | 2103.7 | 381. | 2105.3 | 426. | 138000 |
| GR | 2109.0 | 434. | 2117.5 | 453. | .0 | 0. | .0 | 0. | .0 | 0. | 139000 |
| MC | .120 | .120 | .065 | .0 | .0 | | | | | | 140000 |
| DI | .6 | .770 | .550 | .920 | 10700. | 14670. | 10700. | 0. | 0. | 0. | 141000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 142000 |

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|----|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| YI | 2.20 | 16. | 98. | 150. | 2000. | 2160. | 2260. | .00 | .00 | 0. | 143000 |
| GR | 2143.0 | 0. | 2143.0 | 14. | 2139.0 | 21. | 2135.6 | 31. | 2125.5 | 44. | 144000 |
| GR | 2120.0 | 83. | 2122.5 | 101. | 2121.3 | 106. | 2121.5 | 120. | 2121.0 | 136. | 145000 |
| GR | 2122.8 | 113. | 2123.0 | 156. | 2123.0 | 159. | 2125.0 | 160. | 2138.7 | 169. | 146000 |
| GR | 2133.4 | 150. | 2135.6 | 299. | 2148.5 | 313. | .0 | 0. | .0 | 0. | 147000 |
| MC | .100 | .130 | .055 | .0 | .0 | | | | | | 148000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 150000 |

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|----|--------|------|--------|------|--------|--------|--------|------|--------|------|--------|
| YI | 2.52 | 20. | 334. | 585. | 1600. | 1800. | 1800. | .00 | .00 | 0. | 151000 |
| GR | 2175.0 | 0. | 2156.1 | 1. | 2156.5 | 14. | 2155.1 | 29. | 2153.3 | 30. | 152000 |
| GR | 2153.1 | 29. | 2150.9 | 51. | 2150.5 | 66. | 2155.7 | 166. | 2152.7 | 186. | 153000 |
| GR | 2151.6 | 222. | 2153.7 | 244. | 2153.6 | 271. | 2151.0 | 300. | 2148.7 | 327. | 154000 |
| GR | 2145.5 | 330. | 2144.8 | 341. | 2144.0 | 344. | 2144.1 | 351. | 2143.0 | 361. | 155000 |
| GR | 2142.5 | 371. | 2142.2 | 381. | 2143.8 | 388. | 2145.0 | 398. | 2150.1 | 396. | 156000 |
| GR | 2162.0 | 410. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 157000 |
| MC | .150 | .100 | .055 | .0 | .0 | | | | | | 158000 |
| DI | .6 | .740 | .550 | .870 | 10630. | 14600. | 10630. | 0. | 0. | 0. | 159000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 160000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| X1 | 2.62 | 24. | 112. | 177. | 440. | 560. | 540. | .00 | .00 | 0. | 161000 |
| GR | 2174.0 | 0. | 2164.5 | 10. | 2162.3 | 14. | 2163.0 | 39. | 2162.5 | 78. | 162000 |
| GR | 2161.1 | 101. | 2150.5 | 112. | 2147.4 | 115. | 2146.9 | 120. | 2146.6 | 130. | 163000 |
| GR | 2146.0 | 141. | 2146.2 | 154. | 2146.8 | 167. | 2149.5 | 174. | 2150.5 | 177. | 164000 |
| GR | 2155.0 | 195. | 2156.4 | 210. | 2156.5 | 215. | 2157.2 | 219. | 2158.5 | 225. | 165000 |
| GR | 2158.4 | 240. | 2158.3 | 295. | 2164.3 | 366. | 2168.0 | 385. | .0 | 0. | 166000 |

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|----|------|------|------|-----|-------|------|--------|-----|--------|--------|--------|
| X1 | 2.62 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 167000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 78.30 | 2.00 | 962.00 | .87 | 2146.8 | 2146.8 | 168000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 169000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 2.52 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 170000 |
| X2 | 0. | .00 | 1. | 2157.3 | 2158.3 | .00 | 0. | .00 | .0 | 0. | 171000 |
| BT | 13.0 | 5.0 | 2174.0 | 0. | 15.0 | 2165.5 | 0. | 25.0 | 2160.2 | 0. | 172000 |
| BT | 27.0 | 2160.4 | 0. | 65.0 | 2160.4 | 0. | 93.0 | 2160.0 | 0. | 93.0 | 173000 |
| BT | 2162.2 | 0. | 192.0 | 2162.2 | 0. | 192.0 | 2160.1 | 0. | 224.0 | 2158.4 | 174000 |
| BT | 0. | 242.0 | 2158.3 | 0. | 362.0 | 2164.4 | 0. | 385.0 | 2168.7 | 0. | 175000 |

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|----|------|------|------|-----|-----|-----|-----|-----|-----|-----|--------|
| X1 | 2.62 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 176000 |
| NC | .120 | .100 | .060 | 0. | 0. | 0. | 0. | .00 | .00 | .00 | 177000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 179000 |

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|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|--------|
| X1 | 2.86 | 14. | 70. | 155. | 1250. | 1180. | 1210. | .00 | .00 | 0. | 180000 |
| GR | 2211.2 | 0. | 2184.9 | 30. | 2184.5 | 46. | 2164.5 | 70. | 2161.6 | 74. | 181000 |
| GR | 2159.3 | 91. | 2159.3 | 114. | 2161.5 | 136. | 2164.9 | 155. | 2165.8 | 160. | 182000 |
| GR | 2169.9 | 214. | 2169.9 | 245. | 2169.6 | 297. | 2193.5 | 346. | 0. | 0. | 183000 |
| NC | .100 | .100 | .060 | 0. | 0. | 0. | 0. | .00 | .00 | .00 | 184000 |
| BT | 6. | 2720. | 5490. | 8810. | 10560. | 14500. | 10560. | 0. | 0. | 0. | 185000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 186000 |

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|----|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| X1 | 3.11 | 16. | 125. | 203. | 1440. | 1040. | 1300. | .00 | .00 | 0. | 187000 |
| GR | 2200.8 | 0. | 2196.3 | 16. | 2191.4 | 50. | 2132.1 | 80. | 2181.8 | 91. | 188000 |
| GR | 2171.5 | 125. | 2169.8 | 132. | 2168.0 | 153. | 2168.0 | 170. | 2169.8 | 198. | 189000 |
| GR | 2172.0 | 203. | 2179.6 | 222. | 2180.3 | 225. | 2160.3 | 249. | 2178.6 | 266. | 190000 |
| GR | 2200.3 | 327. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 191000 |
| NC | .120 | .080 | .060 | 0. | 0. | 0. | 0. | .00 | .00 | .00 | 192000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 194000 |

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|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|--------|
| X1 | 5.36 | 20. | 90. | 214. | 1040. | 1280. | 1120. | .00 | .00 | 0. | 195000 |
| GR | 2205.4 | 0. | 2163.8 | 65. | 2183.4 | 82. | 2181.0 | 90. | 2178.4 | 100. | 196000 |
| GR | 2176.0 | 150. | 2176.0 | 176. | 2178.5 | 199. | 2183.4 | 214. | 2183.5 | 215. | 197000 |
| GR | 2167.1 | 231. | 2187.1 | 240. | 2186.7 | 292. | 2185.9 | 332. | 2186.9 | 345. | 198000 |
| GR | 2185.0 | 503. | 2185.0 | 553. | 2185.0 | 578. | 2184.8 | 591. | 2205.7 | 643. | 199000 |
| NC | 4. | .130 | .122. | .060 | .217. | .060 | .129. | .300 | .1239. | .000 | 200000 |
| BT | 5. | 2700. | 5460. | 8760. | 10440. | 14420. | 10440. | 0. | 0. | 0. | 201000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 202000 |

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|---|----|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| I | XI | 3.58 | 26. | 122. | 217. | 840. | 1000. | 670. | .00 | .00 | 0. | 203000 |
| | GR | 2221.0 | 0. | 2200.0 | 40. | 2193.0 | 74. | 2194.2 | 97. | 2192.5 | 108. | 204000 |
| | GR | 2183.9 | 172. | 2167.6 | 122. | 2186.6 | 150. | 2167.7 | 184. | 2190.3 | 217. | 205000 |
| | GR | 2190.3 | 265. | 2188.8 | 282. | 2188.5 | 282. | 2166.6 | 314. | 2188.8 | 384. | 206000 |
| | GR | 2191.1 | 415. | 2189.5 | 580. | 2190.8 | 729. | 2191.7 | 763. | 2191.9 | 838. | 207000 |
| | GR | 2191.4 | 949. | 2191.5 | 1087. | 2195.6 | 1107. | 2195.6 | 1128. | 2199.4 | 1170. | 208000 |
| | GR | 2217.9 | 1239. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 209000 |
| | NH | 5. | .200 | 237. | .100 | 470. | .055 | 646. | .080 | 450. | .200 | 210000 |
| | NH | 1396. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 210100 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 212000 |

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|---|----|--------|-------|--------|-------|--------|--------|--------|-------|--------|-------|--------|
| J | XI | 3.86 | 21. | 470. | 686. | 1000. | 1040. | 990. | .00 | .00 | 0. | 213000 |
| | GR | 2236.5 | 0. | 2206.7 | 103. | 2205.3 | 237. | 2203.1 | 244. | 2203.1 | 300. | 214000 |
| | GR | 2205.0 | 320. | 2205.4 | 378. | 2209.8 | 398. | 2204.0 | 415. | 2201.4 | 470. | 215000 |
| | GR | 2198.0 | 479. | 2197.0 | 518. | 2197.0 | 583. | 2197.8 | 624. | 2204.4 | 646. | 216000 |
| | GR | 2203.0 | 950. | 2202.3 | 1224. | 2211.6 | 1326. | 2211.6 | 1351. | 2211.4 | 1356. | 217000 |
| | GR | 2253.0 | 1390. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 218000 |
| | NC | .130 | .110 | .060 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 219000 |
| | OT | 6. | 2670. | 5430. | 8710. | 10420. | 14340. | 10420. | 0. | 0. | 0. | 220000 |
| | FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 221000 |

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|--|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| | XI | 4.00 | 17. | 100. | 197. | 320. | 800. | 520. | .00 | -2.00 | 0. | 222000 |
| | GR | 2240.2 | 0. | 2220.1 | 44. | 2221.4 | 54. | 2221.4 | 74. | 2218.1 | 91. | 223000 |
| | GR | 2210.0 | 100. | 2206.7 | 105. | 2206.5 | 105. | 2205.0 | 140. | 2205.0 | 155. | 224000 |
| | GR | 2206.0 | 190. | 2209.5 | 197. | 2212.0 | 245. | 2214.0 | 350. | 2227.6 | 390. | 225000 |
| | GR | 2226.5 | 412. | 2245.0 | 446. | 0. | 0. | 0. | 0. | 0. | 0. | 226000 |

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|--|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| | XI | 4.00 | 17. | 100. | 197. | 500. | 500. | 500. | .00 | 2.00 | 0. | 226100 |
| | GR | 2240.2 | 0. | 2220.1 | 44. | 2221.4 | 54. | 2221.4 | 74. | 2218.1 | 91. | 226200 |
| | GR | 2210.0 | 100. | 2206.7 | 105. | 2206.5 | 105. | 2205.0 | 140. | 2205.0 | 155. | 226300 |
| | GR | 2206.0 | 190. | 2210.0 | 197. | 2214.0 | 205. | 2216.1 | 365. | 2227.6 | 390. | 226400 |
| | GR | 2226.5 | 412. | 2245.0 | 446. | 0. | 0. | 0. | 0. | 0. | 0. | 226500 |
| | NC | .180 | .120 | .050 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 227000 |
| | FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 229000 |

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|--|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| | XI | 4.25 | 20. | 185. | 276. | 880. | 600. | 760. | .00 | .00 | 0. | 230000 |
| | GR | 2235.4 | 0. | 2221.3 | 27. | 2219.5 | 40. | 2217.7 | 61. | 2218.8 | 76. | 231000 |
| | GR | 2219.8 | 98. | 2221.4 | 110. | 2222.9 | 140. | 2223.0 | 155. | 2222.4 | 174. | 232000 |
| | GR | 2210.5 | 165. | 2213.2 | 192. | 2213.4 | 205. | 2213.9 | 215. | 2213.9 | 245. | 233000 |
| | GR | 2213.5 | 255. | 2213.7 | 260. | 2213.2 | 266. | 2214.0 | 273. | 2215.0 | 276. | 234000 |
| | GR | 2214.0 | 285. | 2223.6 | 245. | 2225.3 | 310. | 2226.5 | 310. | 2225.1 | 338. | 235000 |
| | GR | 2223.9 | 341. | 2225.0 | 345. | 2235.0 | 360. | 0. | 0. | 0. | 0. | 236000 |
| | NC | .050 | .050 | .050 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 236100 |
| | FI | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 237000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Y1 | 4.25 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 238000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 239000 |
| X1 | 4.25 | 30. | 186. | 274. | 1. | 1. | 1. | .00 | .00 | 0. | 240000 |
| PT | 10.0 | 154.0 | 2224.4 | .0 | 184.0 | 2225.8 | .0 | 184.0 | 2227.2 | .0 | 241000 |
| BT | 186.0 | 2227.2 | .0 | 186.0 | 2227.2 | 2223.0 | 274.0 | 2227.9 | 2223.0 | 274.0 | 242000 |
| RT | 2227.9 | .0 | 275.0 | 2227.9 | .0 | 275.0 | 2225.7 | .0 | 311.0 | 2225.4 | 243000 |
| RT | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 244000 |
| GR | 2235.0 | 12. | 2231.0 | 25. | 2224.5 | 32. | 2219.4 | 40. | 2219.6 | 75. | 245000 |
| GR | 2224.4 | 154. | 2225.8 | 184. | 2225.8 | 186. | 2213.6 | 186. | 2212.9 | 200. | 246000 |
| GR | 2213.1 | 210. | 2213.6 | 220. | 2214.1 | 224. | 2223.0 | 224. | 2223.0 | 231. | 247000 |
| GR | 2213.9 | 231. | 2213.2 | 240. | 2213.0 | 250. | 2213.3 | 257. | 2212.8 | 267. | 248000 |
| GR | 2213.7 | 274. | 2225.7 | 274. | 2225.7 | 275. | 2225.4 | 311. | 2226.5 | 316. | 249000 |
| GR | 2225.1 | 338. | 2224.5 | 339. | 2224.3 | 343. | 2225.0 | 345. | 2225.0 | 360. | 250000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 251000 |
| Y1 | 4.25 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 252000 |
| Y2 | 0. | .00 | 0. | .0 | .0 | .00 | 1. | .00 | .0 | 0. | 253000 |
| Y1 | 4.25 | 28. | 185. | 276. | 1. | 1. | 1. | .00 | .00 | 0. | 255000 |
| GR | 2235.4 | 0. | 2221.3 | 27. | 2219.5 | 40. | 2217.7 | 61. | 2218.8 | 76. | 256000 |
| GR | 2219.8 | 98. | 2221.4 | 110. | 2222.9 | 140. | 2223.0 | 155. | 2222.4 | 174. | 257000 |
| GR | 2214.5 | 145. | 2213.2 | 192. | 2213.4 | 205. | 2213.9 | 215. | 2213.9 | 245. | 258000 |
| GR | 2213.5 | 255. | 2213.7 | 260. | 2213.2 | 260. | 2214.0 | 273. | 2215.0 | 276. | 259000 |
| GR | 2214.0 | 285. | 2223.6 | 295. | 2225.3 | 310. | 2226.5 | 316. | 2225.1 | 338. | 260000 |
| GR | 2223.9 | 341. | 2225.0 | 345. | 2235.0 | 360. | .0 | 0. | .0 | 0. | 261000 |
| MC | .100 | .120 | .050 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 261100 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 262000 |
| Y1 | 4.25 | 0. | 0. | 0. | 20. | 20. | 20. | .00 | .00 | 0. | 263000 |
| MC | .130 | .100 | .050 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 264000 |
| NT | 6. | 2650. | 5390. | 8640. | 10330. | 14230. | 10330. | 0. | 0. | 0. | 265000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 266000 |
| Y1 | 4.56 | 16. | 87. | 164. | 1600. | 1600. | 1600. | .00 | .00 | 0. | 267000 |
| GR | 2269.3 | 0. | 2225.5 | 87. | 2223.7 | 91. | 2220.2 | 100. | 2220.2 | 138. | 268000 |
| GR | 2224.0 | 162. | 2225.5 | 164. | 2230.0 | 172. | 2230.0 | 221. | 2238.5 | 246. | 269000 |
| GR | 2237.0 | 249. | 2239.8 | 255. | 2239.8 | 252. | 2241.2 | 340. | 2251.1 | 489. | 270000 |
| GR | 2260.3 | 580. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 271000 |
| MC | .130 | .130 | .050 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 272000 |
| DI | 5. | 2640. | 5380. | 8620. | 10310. | 14200. | 10310. | 0. | 0. | 0. | 273000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 274000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| YI | 4.75 | 15. | 106. | 184. | 1000. | 470. | 1000. | .00 | .00 | 0. | 275000 |
| GR | 2271.2 | 0. | 2252.0 | 35. | 2252.0 | 50. | 2244.7 | 95. | 2239.0 | 106. | 276000 |
| GR | 2235.7 | 112. | 2250.0 | 135. | 2230.0 | 155. | 2235.7 | 177. | 2241.0 | 184. | 277000 |
| GR | 2252.8 | 197. | 2254.1 | 216. | 2253.2 | 235. | 2252.4 | 239. | 2291.4 | 305. | 278000 |

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|----|------|----|----|----|------|------|------|-----|-----|----|--------|
| YI | 4.85 | 0. | 0. | 0. | 550. | 550. | 550. | .00 | .00 | 0. | 278010 |
|----|------|----|----|----|------|------|------|-----|-----|----|--------|

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|----|------|-------|-------|-------|--------|--------|--------|-----|-------|-----|--------|
| YI | 5.05 | 0. | 0. | 0. | 1020. | 1020. | 1020. | .00 | 15.00 | 0. | 278100 |
| NC | .120 | .100 | .045 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 279000 |
| OT | 6. | 2510. | 5350. | 8560. | 10240. | 14110. | 10240. | 0. | 0. | 0. | 280000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 281000 |

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|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| YI | 5.20 | 18. | 57. | 207. | 860. | 700. | 770. | .00 | .00 | 0. | 282000 |
| GR | 2246.7 | 0. | 2271.0 | 31. | 2271.0 | 42. | 2261.5 | 57. | 2258.0 | 62. | 283000 |
| GR | 2257.1 | 92. | 2258.1 | 136. | 2261.1 | 152. | 2261.1 | 162. | 2258.0 | 172. | 284000 |
| GR | 2257.1 | 194. | 2258.0 | 197. | 2261.5 | 207. | 2265.0 | 219. | 2271.0 | 227. | 285000 |
| GR | 2271.0 | 254. | 2268.7 | 250. | 2320.0 | 327. | .0 | 0. | .0 | 0. | 286000 |
| NC | .150 | .120 | .060 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 287000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 289000 |

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|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|--------|
| YI | 5.41 | 18. | 115. | 220. | 1120. | 1120. | 1120. | .00 | .00 | 0. | 290000 |
| GR | 2307.5 | 0. | 2275.1 | 72. | 2273.1 | 95. | 2268.9 | 115. | 2267.0 | 125. | 291000 |
| GR | 2265.7 | 155. | 2265.7 | 182. | 2266.0 | 211. | 2268.7 | 220. | 2270.0 | 246. | 292000 |
| GR | 2274.3 | 311. | 2277.5 | 393. | 2274.1 | 443. | 2276.0 | 469. | 2276.4 | 489. | 293000 |
| GR | 2276.1 | 654. | 2276.1 | 659. | 2306.0 | 976. | .0 | 0. | .0 | 0. | 294000 |
| NC | .150 | .100 | .045 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 295000 |
| OT | 6. | 2590. | 5320. | 8500. | 10160. | 14020. | 10160. | 0. | 0. | 0. | 296000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 297000 |

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|----|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| YI | 5.70 | 12. | 169. | 274. | 1160. | 1920. | 1500. | .00 | .00 | 0. | 298000 |
| GR | 2319.5 | 0. | 2291.8 | 72. | 2291.8 | 95. | 2286.7 | 129. | 2283.9 | 169. | 299000 |
| GR | 2261.7 | 176. | 2260.2 | 220. | 2280.2 | 223. | 2281.7 | 269. | 2283.0 | 274. | 300000 |
| GR | 2249.3 | 280. | 2290.1 | 293. | 2290.1 | 312. | 2294.6 | 412. | 2310.3 | 514. | 301000 |
| GR | 2312.8 | 533. | 2312.4 | 550. | 2312.3 | 560. | 2317.1 | 617. | .0 | 0. | 302000 |
| NC | .150 | .060 | .045 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 303000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 305000 |

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|----|--------|-------|--------|-------|--------|--------|--------|------|--------|------|--------|
| YI | 5.84 | 15. | 563. | 659. | 585. | 585. | 585. | .00 | .00 | 0. | 306000 |
| GR | 2300.5 | 67. | 2297.7 | 327. | 2297.0 | 457. | 2295.4 | 496. | 2295.7 | 563. | 308000 |
| GR | 2285.7 | 201. | 2283.0 | 611. | 2283.4 | 622. | 2285.7 | 637. | 2298.2 | 659. | 309000 |
| GR | 2294.2 | 678. | 2297.6 | 686. | 2347.2 | 754. | .0 | 0. | .0 | 0. | 310000 |
| NC | .120 | .100 | .045 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 311000 |
| OT | 6. | 2570. | 5300. | 8470. | 10120. | 13970. | 10120. | 0. | 0. | 0. | 312000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 313000 |

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| | | | | | | | | | | | | |
|---|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| S | XI | 5.96 | 17. | 352. | 434. | 600. | 450. | 500. | .00 | .00 | 0. | 314000 |
| | GR | 2344.8 | 0. | 2313.1 | 69. | 2305.3 | 97. | 2308.2 | 140. | 2309.2 | 189. | 315000 |
| | GR | 2308.1 | 255. | 2305.2 | 312. | 2303.9 | 333. | 2295.1 | 352. | 2293.8 | 352. | 316000 |
| | GR | 2293.8 | 434. | 2295.1 | 434. | 2301.0 | 500. | 2304.6 | 528. | 2304.6 | 552. | 317000 |
| | GR | 2303.6 | 556. | 2333.2 | 601. | .0 | 0. | .0 | 0. | .0 | 0. | 318000 |
| | FJ | | | | | | | | | | | 319000 |

THIS RUN EXECUTED 07/15/86, 11:45 AM

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|----------------|-----|-------|
| T1 | CHEROKEE INDIAN LANDS | DSNERAVENFK | 003 | 25000 |
| T2 | 50-YEAR FLOOD | H011270 JHN | 003 | 26000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 003 | 27000 |

| | | | | | | | | | | | |
|----|--------|-----|------|-----|--------|--------|-------|----|---------|-----|--------|
| J1 | ICHECK | IMU | MINV | IWR | SPT | METRIC | HVINS | W | WSFL | FQ | 328000 |
| | 0. | 4. | 0. | 0. | .00729 | 0. | .00 | 0. | 2025.00 | .00 | |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|--------|
| J2 | NPROF | TPIGT | PREVS | XSECV | XSECH | FN | ALLDC | IRU | CHNTN | ITRACE | 329000 |
| | 2. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | |

THIS RUN EXECUTED 07/15/86, 11:47 AM

HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980

ERROR CORR - 01,02,03,04,05,06

MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|----------------|-----|-------|
| T1 | CHENOKEE INDIAN LANDS | DSN=RAVENK | 003 | 30000 |
| T2 | 100-YEAR FLOOD | H011270 JHW | 003 | 31000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 003 | 32000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|--------|
| J1 | ICHECK | IND | NINV | TDIR | SIRT | METRIC | HVINS | 0 | WSEL | EQ | |
| | 0. | 0. | 0. | 0. | .00729 | 0. | 0. | 0. | 2025.00 | .00 | 333000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|--------|
| J2 | UPPOF | IPLOT | PREVS | XSECV | XSECH | FN | ALLDC | IRW | CHWIN | ITRACE | |
| | 0. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 334000 |

THIS RUN EXECUTED 07/15/86, 11:49 AM

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

| | | | | |
|----|----------------------|----------------|-----|-------|
| T1 | CHEPCKE INDIAN LANDS | DSN=RAVENK | 003 | 35000 |
| T2 | 500-YEAR FLOOD | H011270 JHW | 003 | 36000 |
| T3 | RAVEN FURK | FLOOD PROFILES | 003 | 37000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|--------|
| J1 | ICHECK | IND | MINV | IDIR | STRT | METRIC | HVINS | W | WSEL | FQ | |
| | 0. | 6. | 0. | 0. | .00729 | 0. | .00 | 0. | 2025.00 | .00 | 338000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|--------|
| J2 | NPROF | TPL0T | PREVS | XSECV | XSECH | FN | ALLDC | IRW | CHNIM | ITRACE | |
| | 15. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 339000 |

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

RAVEN FURK

SUMMARY PRINTOUT TABLE 150

| SECTN | YLR | ELTRD | ELLC | FLMIN | Q | CWSEL | CRINS | EG | 10K*S | VCH | AREA | .01K |
|-------|------|--------|--------|--------|---------|---------|---------|---------|--------|-------|---------|---------|
| .210 | 0. | .0 | .0 | 2014.6 | 5700.0 | 2022.53 | .00 | 2023.79 | 72.53 | 9.01 | 650.75 | 669.31 |
| .210 | 0. | .0 | .0 | 2014.6 | 9100.0 | 2024.31 | 2023.17 | 2025.87 | 72.99 | 10.50 | 1235.26 | 1065.16 |
| .210 | 0. | .0 | .0 | 2014.6 | 10900.0 | 2024.93 | 2024.74 | 2026.51 | 72.31 | 10.92 | 1568.81 | 1281.84 |
| *.210 | 0. | .0 | .0 | 2014.6 | 15000.0 | 2026.04 | 2026.04 | 2027.55 | 68.53 | 11.45 | 2428.09 | 1812.02 |
| .210 | 40. | .0 | .0 | 2014.6 | 5700.0 | 2022.96 | .00 | 2024.06 | 59.36 | 8.47 | 714.90 | 739.84 |
| .210 | 40. | .0 | .0 | 2014.6 | 9100.0 | 2025.23 | .00 | 2026.15 | 42.06 | 8.51 | 1752.48 | 1403.16 |
| .210 | 40. | .0 | .0 | 2014.6 | 10900.0 | 2025.92 | .00 | 2026.78 | 39.24 | 8.60 | 2306.29 | 1739.99 |
| .210 | 40. | .0 | .0 | 2014.6 | 15000.0 | 2027.11 | .00 | 2027.81 | 33.09 | 8.49 | 3693.87 | 2607.47 |
| .210 | 1. | 2027.8 | 2028.4 | 2013.4 | 5700.0 | 2022.90 | .00 | 2024.13 | 77.34 | 8.87 | 642.62 | 648.13 |
| .210 | 1. | 2027.8 | 2028.4 | 2013.4 | 9100.0 | 2024.63 | .00 | 2026.76 | 119.21 | 11.70 | 777.53 | 833.47 |
| .210 | 1. | 2027.8 | 2028.4 | 2013.4 | 10900.0 | 2024.91 | .00 | 2027.81 | 161.46 | 13.69 | 796.45 | 857.81 |
| *.210 | 1. | 2027.8 | 2028.4 | 2013.4 | 15000.0 | 2028.40 | 2028.40 | 2029.40 | 119.56 | 9.66 | 2447.14 | 1371.82 |
| .210 | 30. | 2027.8 | 2028.4 | 2013.4 | 5700.0 | 2023.23 | .00 | 2024.35 | 68.82 | 8.52 | 668.86 | 687.08 |
| .210 | 30. | 2027.8 | 2028.4 | 2013.4 | 9100.0 | 2025.19 | .00 | 2027.12 | 106.19 | 11.15 | 816.26 | 883.06 |
| .210 | 30. | 2027.8 | 2028.4 | 2013.4 | 10900.0 | 2026.04 | 2023.20 | 2028.31 | 130.95 | 12.24 | 996.92 | 952.50 |
| .210 | 30. | 2027.8 | 2028.4 | 2013.4 | 15000.0 | 2029.28 | .00 | 2029.69 | 59.64 | 6.82 | 3653.48 | 1942.26 |
| .210 | 1. | .0 | .0 | 2014.6 | 5700.0 | 2023.42 | .00 | 2024.38 | 47.85 | 7.92 | 844.94 | 824.04 |
| .210 | 1. | .0 | .0 | 2014.6 | 9100.0 | 2026.76 | .00 | 2027.26 | 20.99 | 6.62 | 3235.04 | 1986.19 |
| .210 | 1. | .0 | .0 | 2014.6 | 10900.0 | 2028.24 | .00 | 2028.51 | 12.05 | 5.44 | 5234.34 | 3140.62 |
| .210 | 1. | .0 | .0 | 2014.6 | 15000.0 | 2029.47 | .00 | 2029.71 | 11.35 | 5.62 | 7156.04 | 4451.95 |
| .210 | 40. | .0 | .0 | 2014.6 | 5700.0 | 2023.66 | .00 | 2024.56 | 42.61 | 7.63 | 940.62 | 873.19 |
| .210 | 40. | .0 | .0 | 2014.6 | 9100.0 | 2026.81 | .00 | 2027.38 | 22.63 | 6.90 | 3304.20 | 1912.93 |
| .210 | 40. | .0 | .0 | 2014.6 | 10900.0 | 2028.27 | .00 | 2028.59 | 13.65 | 5.81 | 5283.94 | 2949.87 |
| .210 | 40. | .0 | .0 | 2014.6 | 15000.0 | 2029.49 | .00 | 2029.79 | 13.33 | 6.09 | 7183.50 | 4109.02 |
| .400 | 030. | .0 | .0 | 2020.6 | 5700.0 | 2028.67 | .00 | 2029.87 | 68.14 | 8.84 | 665.38 | 690.53 |
| .400 | 030. | .0 | .0 | 2020.6 | 9100.0 | 2030.60 | 2028.30 | 2032.21 | 70.05 | 10.51 | 1388.52 | 1087.24 |
| .400 | 030. | .0 | .0 | 2020.6 | 10900.0 | 2031.41 | 2030.26 | 2033.09 | 68.54 | 10.99 | 1881.08 | 1316.59 |
| *.400 | 030. | .0 | .0 | 2020.6 | 15000.0 | 2032.68 | 2032.68 | 2034.36 | 66.47 | 11.73 | 3138.33 | 1839.79 |

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| SECNO | XLCH | FLTRD | FLIC | FLMIN | Q | CHSEL | CRWS | EG | 10KAS | VCH | ARFA | .01K |
|---------|-------|--------|--------|--------|---------|---------|---------|---------|--------|-------|---------|---------|
| .560 | 830. | .0 | .0 | 2027.3 | 5700.0 | 2034.73 | .00 | 2035.92 | 77.70 | 8.74 | 665.74 | 646.63 |
| .560 | 830. | .0 | .0 | 2027.3 | 9100.0 | 2036.76 | .00 | 2038.43 | 79.35 | 10.45 | 929.11 | 1021.56 |
| .560 | 830. | .0 | .0 | 2027.3 | 14900.0 | 2037.55 | .00 | 2039.51 | 83.15 | 11.35 | 1042.30 | 1195.39 |
| .560 | 830. | .0 | .0 | 2027.3 | 15000.0 | 2038.89 | .00 | 2041.60 | 96.70 | 13.43 | 1255.39 | 1525.40 |
| .600 | 150. | .0 | .0 | 2030.9 | 5700.0 | 2036.71 | .00 | 2038.52 | 228.17 | 10.83 | 541.90 | 377.35 |
| .600 | 150. | .0 | .0 | 2030.9 | 9100.0 | 2038.56 | 2037.99 | 2040.88 | 206.27 | 12.36 | 797.36 | 633.61 |
| .600 | 150. | .0 | .0 | 2030.9 | 10900.0 | 2039.34 | 2038.82 | 2041.91 | 199.68 | 13.09 | 928.15 | 771.37 |
| .600 | 150. | .0 | .0 | 2030.9 | 15000.0 | 2040.83 | 2040.40 | 2043.99 | 196.54 | 14.66 | 1188.54 | 1069.95 |
| .600 | 40. | .0 | .0 | 2030.9 | 5700.0 | 2038.10 | .00 | 2039.17 | 104.07 | 8.37 | 719.27 | 558.75 |
| .600 | 40. | .0 | .0 | 2030.9 | 9100.0 | 2039.98 | .00 | 2041.52 | 106.44 | 10.10 | 973.73 | 882.03 |
| .600 | 40. | .0 | .0 | 2030.9 | 10900.0 | 2040.75 | .00 | 2042.56 | 111.47 | 10.98 | 1080.84 | 1032.40 |
| .600 | 40. | .0 | .0 | 2030.9 | 15000.0 | 2042.21 | .00 | 2044.67 | 124.75 | 12.86 | 1287.24 | 1343.00 |
| .600 | 30. | 2046.5 | 2042.1 | 2030.9 | 5700.0 | 2038.31 | .00 | 2039.31 | 92.88 | 8.11 | 744.67 | 591.43 |
| .600 | 30. | 2046.5 | 2042.1 | 2030.9 | 9100.0 | 2040.30 | .00 | 2041.73 | 93.42 | 9.73 | 1013.55 | 941.52 |
| .600 | 30. | 2046.5 | 2042.1 | 2030.9 | 10900.0 | 2041.15 | .00 | 2042.81 | 96.25 | 10.53 | 1131.16 | 1111.01 |
| .600 | 30. | 2046.5 | 2042.1 | 2030.9 | 15000.0 | 2044.07 | .00 | 2045.80 | 70.63 | 10.83 | 1551.65 | 1784.87 |
| .600 | 10. | .0 | .0 | 2030.9 | 5700.0 | 2038.45 | .00 | 2039.40 | 85.61 | 7.90 | 778.93 | 616.03 |
| .600 | 10. | .0 | .0 | 2030.9 | 9100.0 | 2040.58 | .00 | 2041.83 | 80.24 | 9.22 | 1142.91 | 1015.86 |
| .600 | 10. | .0 | .0 | 2030.9 | 10900.0 | 2041.52 | .00 | 2042.92 | 79.10 | 9.81 | 1315.65 | 1225.57 |
| .600 | 10. | .0 | .0 | 2030.9 | 15000.0 | 2044.65 | .00 | 2045.91 | 51.71 | 9.56 | 2149.33 | 2086.00 |
| .600 | 1090. | .0 | .0 | 2038.0 | 5700.0 | 2046.80 | .00 | 2047.87 | 70.13 | 8.41 | 723.34 | 680.66 |
| .600 | 1090. | .0 | .0 | 2038.0 | 9100.0 | 2049.04 | .00 | 2050.69 | 78.76 | 10.46 | 946.24 | 1025.42 |
| .600 | 1090. | .0 | .0 | 2038.0 | 10900.0 | 2050.06 | .00 | 2052.01 | 82.52 | 11.39 | 1050.74 | 1199.91 |
| .600 | 1090. | .0 | .0 | 2038.0 | 15000.0 | 2051.88 | .00 | 2054.57 | 94.26 | 13.42 | 1246.96 | 1545.00 |
| .640 | 760. | .0 | .0 | 2041.5 | 5640.0 | 2051.72 | .00 | 2052.64 | 56.48 | 8.03 | 894.72 | 750.48 |
| .640 | 760. | .0 | .0 | 2041.5 | 9640.0 | 2054.84 | .00 | 2055.60 | 53.84 | 9.30 | 1341.82 | 1232.06 |
| .640 | 760. | .0 | .0 | 2041.5 | 10840.0 | 2055.64 | .00 | 2056.96 | 52.64 | 9.82 | 1559.51 | 1493.38 |
| .640 | 760. | .0 | .0 | 2041.5 | 14690.0 | 2058.20 | .00 | 2059.58 | 48.68 | 10.59 | 2286.43 | 2134.13 |
| 1.420 | 2720. | .0 | .0 | 2065.1 | 5610.0 | 2073.89 | .00 | 2075.40 | 108.48 | 10.01 | 619.74 | 538.63 |
| 1.420 | 2720. | .0 | .0 | 2065.1 | 9010.0 | 2076.27 | .00 | 2077.39 | 109.75 | 12.00 | 879.89 | 860.04 |
| 1.420 | 2720. | .0 | .0 | 2065.1 | 10810.0 | 2077.34 | .00 | 2079.75 | 110.20 | 12.86 | 1007.42 | 1029.75 |
| 1.420 | 2720. | .0 | .0 | 2065.1 | 14810.0 | 2079.41 | .00 | 2082.42 | 112.70 | 14.53 | 1272.97 | 1395.05 |
| * 1.640 | 1280. | .0 | .0 | 2087.4 | 5610.0 | 2095.68 | 2095.51 | 2098.27 | 240.28 | 13.58 | 487.17 | 361.91 |
| * 1.640 | 1280. | .0 | .0 | 2087.4 | 9010.0 | 2097.86 | 2097.86 | 2101.08 | 216.61 | 15.51 | 742.50 | 612.19 |
| * 1.640 | 1280. | .0 | .0 | 2087.4 | 10810.0 | 2098.90 | 2098.90 | 2102.27 | 201.55 | 16.10 | 893.68 | 761.26 |
| * 1.640 | 1280. | .0 | .0 | 2087.4 | 14810.0 | 2100.85 | 2100.85 | 2104.49 | 182.76 | 17.24 | 1229.26 | 1095.50 |
| 1.760 | 640. | .0 | .0 | 2092.8 | 5610.0 | 2102.17 | .00 | 2102.79 | 39.12 | 6.49 | 976.29 | 896.89 |
| 1.760 | 640. | .0 | .0 | 2092.8 | 9010.0 | 2104.68 | .00 | 2105.44 | 37.37 | 7.49 | 1663.98 | 1473.85 |
| 1.760 | 640. | .0 | .0 | 2092.8 | 10810.0 | 2105.70 | .00 | 2106.47 | 35.84 | 7.77 | 2079.54 | 1805.67 |
| 1.760 | 640. | .0 | .0 | 2092.8 | 14810.0 | 2107.65 | .00 | 2108.42 | 32.99 | 8.22 | 2890.04 | 2578.42 |

| SECNO | YLCA | ELTRD | ELLC | ELMIN | O | CWSEL | CRWS | EG | 10K*8 | VCH | AREA | .01K |
|-------|-------|--------|--------|--------|---------|---------|---------|---------|--------|-------|---------|---------|
| 2.200 | 2360. | .0 | .0 | 2121.5 | 5550.0 | 2129.39 | .00 | 2131.44 | 197.64 | 11.64 | 518.25 | 394.78 |
| 2.200 | 2360. | .0 | .0 | 2121.5 | 8920.0 | 2131.54 | .00 | 2134.43 | 199.66 | 13.97 | 733.99 | 631.28 |
| 2.200 | 2360. | .0 | .0 | 2121.5 | 10700.0 | 2132.47 | .00 | 2135.77 | 202.48 | 15.01 | 838.63 | 751.95 |
| 2.200 | 2360. | .0 | .0 | 2121.5 | 14670.0 | 2134.30 | 2133.73 | 2138.44 | 208.51 | 17.01 | 1058.92 | 1015.94 |
| 2.520 | 1800. | .0 | .0 | 2142.2 | 5550.0 | 2152.34 | .00 | 2154.10 | 92.52 | 10.94 | 622.95 | 577.01 |
| 2.520 | 1800. | .0 | .0 | 2142.2 | 8920.0 | 2154.73 | 2153.35 | 2156.94 | 91.54 | 12.75 | 1116.98 | 932.30 |
| 2.520 | 1800. | .0 | .0 | 2142.2 | 10700.0 | 2155.72 | 2154.72 | 2158.02 | 89.54 | 13.34 | 1450.28 | 1130.79 |
| 2.520 | 1800. | .0 | .0 | 2142.2 | 14670.0 | 2157.55 | .00 | 2159.88 | 84.04 | 14.19 | 2156.41 | 1600.21 |
| 2.620 | 540. | .0 | .0 | 2146.2 | 5530.0 | 2156.64 | .00 | 2157.76 | 52.30 | 8.62 | 710.55 | 764.64 |
| 2.620 | 540. | .0 | .0 | 2146.2 | 8870.0 | 2159.16 | .00 | 2160.74 | 56.33 | 10.45 | 1065.85 | 1181.80 |
| 2.620 | 540. | .0 | .0 | 2146.2 | 10630.0 | 2160.10 | .00 | 2161.89 | 59.61 | 11.30 | 1258.61 | 1376.77 |
| 2.620 | 540. | .0 | .0 | 2146.2 | 14600.0 | 2161.61 | .00 | 2163.92 | 69.73 | 13.15 | 1602.01 | 1748.37 |
| 2.620 | 40. | .0 | .0 | 2146.2 | 5530.0 | 2156.92 | .00 | 2157.96 | 47.04 | 8.33 | 742.28 | 806.34 |
| 2.620 | 40. | .0 | .0 | 2146.2 | 8870.0 | 2159.53 | .00 | 2160.96 | 49.90 | 10.03 | 1140.34 | 1255.65 |
| 2.620 | 40. | .0 | .0 | 2146.2 | 10630.0 | 2160.52 | .00 | 2162.13 | 51.80 | 10.76 | 1353.54 | 1477.00 |
| 2.620 | 40. | .0 | .0 | 2146.2 | 14600.0 | 2162.20 | .00 | 2164.20 | 58.38 | 12.36 | 1750.66 | 1910.81 |
| 2.620 | 30. | 2158.3 | 2157.3 | 2146.2 | 5530.0 | 2157.02 | .00 | 2158.04 | 45.48 | 8.25 | 752.60 | 820.00 |
| 2.620 | 30. | 2158.3 | 2157.3 | 2146.2 | 8870.0 | 2159.86 | .00 | 2161.18 | 44.67 | 9.66 | 1210.61 | 1327.08 |
| 2.620 | 30. | 2158.3 | 2157.3 | 2146.2 | 10630.0 | 2160.80 | .00 | 2162.29 | 47.47 | 10.45 | 1414.72 | 1542.85 |
| 2.620 | 30. | 2158.3 | 2157.3 | 2146.2 | 14600.0 | 2162.21 | .00 | 2164.20 | 58.24 | 12.35 | 1752.81 | 1913.15 |
| 2.620 | 10. | .0 | .0 | 2146.2 | 5530.0 | 2157.08 | .00 | 2158.09 | 44.63 | 8.20 | 758.45 | 827.77 |
| 2.620 | 10. | .0 | .0 | 2146.2 | 8870.0 | 2159.92 | .00 | 2161.23 | 43.92 | 9.61 | 1221.66 | 1338.46 |
| 2.620 | 10. | .0 | .0 | 2146.2 | 10630.0 | 2160.87 | .00 | 2162.34 | 46.39 | 10.36 | 1431.11 | 1560.65 |
| 2.620 | 10. | .0 | .0 | 2146.2 | 14600.0 | 2162.32 | .00 | 2164.27 | 56.54 | 12.22 | 1778.99 | 1941.67 |
| 2.860 | 1210. | .0 | .0 | 2159.3 | 5530.0 | 2167.43 | .00 | 2168.90 | 130.33 | 9.80 | 591.03 | 484.39 |
| 2.860 | 1210. | .0 | .0 | 2159.3 | 8870.0 | 2169.61 | .00 | 2171.57 | 121.80 | 11.46 | 874.28 | 803.71 |
| 2.860 | 1210. | .0 | .0 | 2159.3 | 10630.0 | 2170.52 | .00 | 2172.65 | 118.82 | 12.10 | 1072.27 | 975.21 |
| 2.860 | 1210. | .0 | .0 | 2159.3 | 14600.0 | 2172.26 | .00 | 2174.61 | 111.73 | 13.11 | 1489.62 | 1381.21 |
| 3.110 | 1300. | .0 | .0 | 2168.0 | 5490.0 | 2177.82 | .00 | 2178.69 | 52.53 | 7.62 | 797.69 | 757.47 |
| 3.110 | 1300. | .0 | .0 | 2168.0 | 8810.0 | 2180.30 | .00 | 2181.54 | 55.78 | 9.26 | 1115.96 | 1179.55 |
| 3.110 | 1300. | .0 | .0 | 2168.0 | 10560.0 | 2181.32 | .00 | 2182.74 | 57.64 | 9.97 | 1298.25 | 1390.92 |
| 3.110 | 1300. | .0 | .0 | 2168.0 | 14500.0 | 2183.16 | .00 | 2184.93 | 62.52 | 11.39 | 1651.93 | 1833.85 |
| 3.360 | 1120. | .0 | .0 | 2176.0 | 5490.0 | 2184.24 | .00 | 2184.92 | 58.46 | 6.64 | 851.70 | 718.05 |
| 3.360 | 1120. | .0 | .0 | 2176.0 | 8810.0 | 2186.66 | .00 | 2187.52 | 50.36 | 7.58 | 1318.94 | 1241.42 |
| 3.360 | 1120. | .0 | .0 | 2176.0 | 10560.0 | 2187.67 | .00 | 2188.52 | 45.55 | 7.73 | 1809.38 | 1564.74 |
| 3.360 | 1120. | .0 | .0 | 2176.0 | 14500.0 | 2189.51 | .00 | 2190.25 | 36.25 | 7.72 | 2821.55 | 2408.34 |
| 3.580 | 870. | .0 | .0 | 2186.0 | 5460.0 | 2191.65 | .00 | 2191.96 | 45.56 | 5.91 | 1415.05 | 558.55 |
| 3.580 | 870. | .0 | .0 | 2186.0 | 8760.0 | 2192.91 | .00 | 2193.08 | 70.13 | 6.03 | 2536.31 | 1046.03 |
| 3.580 | 870. | .0 | .0 | 2186.0 | 10490.0 | 2193.33 | .00 | 2193.60 | 63.87 | 6.15 | 3050.27 | 1312.58 |
| 3.580 | 870. | .0 | .0 | 2186.0 | 14420.0 | 2194.34 | .00 | 2194.62 | 57.06 | 6.49 | 4072.56 | 1909.04 |

| SECNO | VLCH | ELTRD | FLIC | ELMIN | Q | CWSEL | CRWS | EG | 10K*S | VCH | AREA | .01K |
|-------|-------|--------|--------|--------|---------|---------|---------|---------|--------|-------|---------|---------|
| 3.860 | 990. | .0 | .0 | 2197.0 | 5460.0 | 2201.89 | .00 | 2202.79 | 114.11 | 7.59 | 721.99 | 511.14 |
| 3.860 | 990. | .0 | .0 | 2197.0 | 8760.0 | 2202.93 | 2201.98 | 2204.37 | 142.53 | 9.68 | 1002.67 | 733.75 |
| 3.860 | 990. | .0 | .0 | 2197.0 | 10490.0 | 2203.40 | 2202.74 | 2205.06 | 149.82 | 10.45 | 1269.37 | 857.03 |
| 3.860 | 990. | .0 | .0 | 2197.0 | 14420.0 | 2204.58 | 2204.58 | 2206.17 | 126.00 | 10.75 | 2214.10 | 1284.64 |
| 4.000 | 520. | .0 | .0 | 2203.0 | 5430.0 | 2209.20 | .00 | 2210.86 | 182.19 | 10.20 | 558.28 | 402.29 |
| 4.000 | 520. | .0 | .0 | 2203.0 | 8710.0 | 2210.97 | 2210.34 | 2213.13 | 176.99 | 12.05 | 828.61 | 654.71 |
| 4.000 | 520. | .0 | .0 | 2203.0 | 10420.0 | 2211.68 | 2211.22 | 2214.08 | 176.79 | 12.83 | 983.31 | 783.68 |
| 4.000 | 520. | .0 | .0 | 2203.0 | 14340.0 | 2212.89 | 2212.89 | 2215.85 | 188.09 | 14.56 | 1290.07 | 1045.60 |
| 4.090 | 500. | .0 | .0 | 2207.0 | 5430.0 | 2215.10 | .00 | 2216.02 | 70.58 | 7.68 | 718.57 | 646.35 |
| 4.090 | 500. | .0 | .0 | 2207.0 | 8710.0 | 2217.19 | .00 | 2218.58 | 77.01 | 9.50 | 975.30 | 992.55 |
| 4.090 | 500. | .0 | .0 | 2207.0 | 10420.0 | 2218.06 | .00 | 2219.65 | 79.60 | 10.25 | 1173.08 | 1167.92 |
| 4.090 | 500. | .0 | .0 | 2207.0 | 14340.0 | 2219.74 | .00 | 2221.63 | 81.15 | 11.45 | 1633.88 | 1591.83 |
| 4.250 | 760. | .0 | .0 | 2213.2 | 5430.0 | 2220.31 | .00 | 2221.45 | 69.49 | 8.70 | 756.30 | 651.39 |
| 4.250 | 760. | .0 | .0 | 2213.2 | 8710.0 | 2222.48 | .00 | 2223.94 | 64.15 | 10.09 | 1190.71 | 1087.44 |
| 4.250 | 760. | .0 | .0 | 2213.2 | 10420.0 | 2223.40 | .00 | 2225.02 | 63.11 | 10.70 | 1428.04 | 1311.68 |
| 4.250 | 760. | .0 | .0 | 2213.2 | 14340.0 | 2225.13 | .00 | 2227.09 | 64.02 | 12.02 | 1914.12 | 1792.19 |
| 4.250 | 40. | .0 | .0 | 2213.2 | 5430.0 | 2221.01 | .00 | 2221.69 | 39.73 | 7.03 | 884.94 | 861.48 |
| 4.250 | 40. | .0 | .0 | 2213.2 | 8710.0 | 2223.51 | .00 | 2224.18 | 28.46 | 7.24 | 1456.71 | 1632.59 |
| 4.250 | 40. | .0 | .0 | 2213.2 | 10420.0 | 2224.61 | .00 | 2225.26 | 24.85 | 7.26 | 1763.51 | 2090.35 |
| 4.250 | 40. | .0 | .0 | 2213.2 | 14340.0 | 2226.70 | .00 | 2227.35 | 20.60 | 7.43 | 2410.07 | 3159.35 |
| 4.250 | 1. | 2224.4 | 2223.0 | 2212.8 | 5430.0 | 2220.87 | .00 | 2221.84 | 83.61 | 8.02 | 716.11 | 593.85 |
| 4.250 | 1. | 2224.4 | 2223.0 | 2212.8 | 8710.0 | 2223.36 | .00 | 2224.35 | 135.52 | 8.24 | 1099.75 | 748.20 |
| 4.250 | 1. | 2224.4 | 2223.0 | 2212.8 | 10420.0 | 2224.37 | .00 | 2225.52 | 151.63 | 8.71 | 1213.55 | 846.20 |
| 4.250 | 1. | 2224.4 | 2223.0 | 2212.8 | 14340.0 | 2226.32 | .00 | 2227.74 | 150.60 | 8.68 | 1544.75 | 1168.52 |
| 4.250 | 30. | 2224.4 | 2223.0 | 2212.8 | 5430.0 | 2221.24 | .00 | 2222.08 | 70.72 | 7.53 | 770.55 | 645.71 |
| 4.250 | 30. | 2224.4 | 2223.0 | 2212.8 | 8710.0 | 2223.85 | .00 | 2224.74 | 120.92 | 7.78 | 1152.31 | 792.07 |
| 4.250 | 30. | 2224.4 | 2223.0 | 2212.8 | 10420.0 | 2224.93 | .00 | 2225.95 | 128.11 | 8.01 | 1287.17 | 920.63 |
| 4.250 | 30. | 2224.4 | 2223.0 | 2212.8 | 14340.0 | 2226.93 | .00 | 2228.16 | 119.15 | 7.73 | 1683.02 | 1313.71 |
| 4.250 | 1. | .0 | .0 | 2213.2 | 5430.0 | 2221.57 | .00 | 2222.12 | 28.94 | 6.31 | 998.02 | 1009.37 |
| 4.250 | 1. | .0 | .0 | 2213.2 | 8710.0 | 2224.27 | .00 | 2224.78 | 20.05 | 6.39 | 1669.08 | 1944.98 |
| 4.250 | 1. | .0 | .0 | 2213.2 | 10420.0 | 2225.52 | .00 | 2226.00 | 17.00 | 6.34 | 2035.42 | 2526.88 |
| 4.250 | 1. | .0 | .0 | 2213.2 | 14340.0 | 2227.75 | .00 | 2228.24 | 14.21 | 6.50 | 2760.28 | 3803.45 |
| 4.250 | 20. | .0 | .0 | 2213.2 | 5430.0 | 2221.57 | .00 | 2222.25 | 34.96 | 6.93 | 995.88 | 918.42 |
| 4.250 | 20. | .0 | .0 | 2213.2 | 8710.0 | 2224.20 | .00 | 2224.96 | 28.76 | 7.62 | 1645.85 | 1624.05 |
| 4.250 | 20. | .0 | .0 | 2213.2 | 10420.0 | 2225.42 | .00 | 2226.19 | 26.12 | 7.81 | 2002.42 | 2038.95 |
| 4.250 | 20. | .0 | .0 | 2213.2 | 14340.0 | 2227.61 | .00 | 2228.46 | 24.15 | 8.42 | 2714.00 | 2918.16 |
| 4.560 | 1600. | .0 | .0 | 2220.2 | 5390.0 | 2229.06 | .00 | 2230.31 | 62.27 | 9.02 | 618.05 | 683.07 |
| 4.560 | 1600. | .0 | .0 | 2220.2 | 8640.0 | 2231.30 | .00 | 2233.18 | 67.01 | 11.09 | 833.46 | 1055.47 |
| 4.560 | 1600. | .0 | .0 | 2220.2 | 10330.0 | 2232.30 | .00 | 2234.48 | 68.71 | 11.97 | 941.33 | 1246.21 |
| 4.560 | 1600. | .0 | .0 | 2220.2 | 14230.0 | 2234.33 | .00 | 2237.15 | 72.17 | 13.73 | 1180.47 | 1675.03 |

PRINTED IN U.S.A.

| SECNO | XLCH | FLTRD | ELLC | ELMIN | Q | CWSEL | CRWS | EG | 10K*S | VCH | AREA | .01K |
|-------|-------|-------|------|--------|---------|---------|---------|---------|--------|-------|---------|---------|
| 4.750 | 1000. | .0 | .0 | 2230.9 | 5380.0 | 2239.28 | .00 | 2241.44 | 151.19 | 11.79 | 456.47 | 437.54 |
| 4.750 | 1000. | .0 | .0 | 2230.9 | 8620.0 | 2241.40 | .00 | 2244.39 | 146.18 | 13.89 | 625.82 | 712.95 |
| 4.750 | 1000. | .0 | .0 | 2230.9 | 10310.0 | 2242.33 | .00 | 2245.75 | 144.37 | 14.86 | 704.34 | 858.07 |
| 4.750 | 1000. | .0 | .0 | 2230.9 | 14200.0 | 2244.25 | .00 | 2248.60 | 141.61 | 16.77 | 875.04 | 1193.27 |
| 4.850 | 550. | .0 | .0 | 2230.9 | 5380.0 | 2243.37 | .00 | 2244.11 | 27.11 | 6.93 | 745.14 | 1033.29 |
| 4.850 | 550. | .0 | .0 | 2230.9 | 8620.0 | 2246.17 | .00 | 2247.31 | 29.90 | 8.59 | 1061.56 | 1576.34 |
| 4.850 | 550. | .0 | .0 | 2230.9 | 10310.0 | 2247.44 | .00 | 2248.77 | 30.94 | 9.31 | 1197.96 | 1853.60 |
| 4.850 | 550. | .0 | .0 | 2230.9 | 14200.0 | 2250.04 | .00 | 2251.76 | 32.38 | 10.67 | 1516.59 | 2495.45 |
| 5.050 | 1020. | .0 | .0 | 2245.9 | 5380.0 | 2253.80 | .00 | 2256.34 | 195.08 | 12.80 | 420.17 | 385.20 |
| 5.050 | 1020. | .0 | .0 | 2245.9 | 8620.0 | 2255.88 | 2255.65 | 2259.31 | 182.90 | 14.87 | 582.81 | 637.38 |
| 5.050 | 1020. | .0 | .0 | 2245.9 | 10310.0 | 2256.80 | 2256.58 | 2260.68 | 177.60 | 15.81 | 659.08 | 773.64 |
| 5.050 | 1020. | .0 | .0 | 2245.9 | 14200.0 | 2259.71 | 2258.55 | 2263.54 | 168.21 | 17.66 | 826.20 | 1094.88 |
| 5.200 | 770. | .0 | .0 | 2257.1 | 5350.0 | 2263.66 | .00 | 2264.36 | 68.87 | 6.73 | 803.46 | 644.69 |
| 5.200 | 770. | .0 | .0 | 2257.1 | 8560.0 | 2265.63 | .00 | 2266.57 | 60.63 | 7.80 | 1126.40 | 1099.31 |
| 5.200 | 770. | .0 | .0 | 2257.1 | 10240.0 | 2266.59 | .00 | 2267.63 | 57.22 | 8.22 | 1287.38 | 1353.70 |
| 5.200 | 770. | .0 | .0 | 2257.1 | 14110.0 | 2268.65 | .00 | 2269.89 | 50.59 | 8.98 | 1648.08 | 1963.84 |
| 5.410 | 1120. | .0 | .0 | 2265.7 | 5350.0 | 2272.50 | .00 | 2273.41 | 90.83 | 7.77 | 773.94 | 561.35 |
| 5.410 | 1120. | .0 | .0 | 2265.7 | 8560.0 | 2274.19 | .00 | 2275.46 | 95.08 | 9.37 | 1111.74 | 877.85 |
| 5.410 | 1120. | .0 | .0 | 2265.7 | 10240.0 | 2274.94 | .00 | 2276.36 | 95.35 | 9.99 | 1301.70 | 1048.69 |
| 5.410 | 1120. | .0 | .0 | 2265.7 | 14110.0 | 2276.47 | 2274.59 | 2278.11 | 92.59 | 11.01 | 1904.29 | 1466.38 |
| 5.700 | 1500. | .0 | .0 | 2280.2 | 5320.0 | 2286.31 | .00 | 2287.75 | 96.41 | 9.67 | 594.50 | 541.82 |
| 5.700 | 1500. | .0 | .0 | 2280.2 | 8500.0 | 2287.99 | .00 | 2289.97 | 93.08 | 11.45 | 854.64 | 881.02 |
| 5.700 | 1500. | .0 | .0 | 2280.2 | 10160.0 | 2288.73 | .00 | 2290.98 | 93.20 | 12.26 | 976.47 | 1052.39 |
| 5.700 | 1500. | .0 | .0 | 2280.2 | 14020.0 | 2290.16 | 2289.30 | 2293.05 | 96.69 | 14.01 | 1230.89 | 1425.81 |
| 5.840 | 585. | .0 | .0 | 2283.9 | 5320.0 | 2292.33 | .00 | 2294.44 | 120.84 | 11.66 | 456.37 | 483.95 |
| 5.840 | 585. | .0 | .0 | 2283.9 | 8500.0 | 2294.21 | .00 | 2297.25 | 137.59 | 13.98 | 608.15 | 724.65 |
| 5.840 | 585. | .0 | .0 | 2283.9 | 10160.0 | 2295.05 | .00 | 2298.51 | 143.58 | 14.93 | 680.67 | 847.91 |
| 5.840 | 585. | .0 | .0 | 2283.9 | 14020.0 | 2297.19 | 2297.19 | 2300.95 | 123.49 | 15.70 | 1028.04 | 1261.62 |
| 5.960 | 500. | .0 | .0 | 2293.8 | 5300.0 | 2299.04 | 2298.81 | 2301.06 | 143.86 | 11.70 | 532.66 | 441.88 |
| 5.960 | 500. | .0 | .0 | 2293.8 | 8470.0 | 2301.10 | .00 | 2303.45 | 111.37 | 12.86 | 840.29 | 802.61 |
| 5.960 | 500. | .0 | .0 | 2293.8 | 10120.0 | 2302.08 | .00 | 2304.50 | 100.42 | 13.25 | 999.63 | 1009.87 |
| 5.960 | 500. | .0 | .0 | 2293.8 | 13970.0 | 2303.58 | .00 | 2306.60 | 102.02 | 14.94 | 1270.12 | 1383.08 |

RAVEN FORK

SUMMARY PRINTOUT TABLE 150

| SECTN | W | CWREL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|-------|--------|--------|--------|--------|--------|---------|--------|
| .210 | 5700. | 2022.5 | .0 | .0 | -2.5 | 106.02 | .00 |
| .210 | 9100. | 2024.3 | 1.8 | .0 | -.7 | 512.50 | .00 |
| .210 | 10900. | 2024.9 | .6 | .0 | -.1 | 572.49 | .00 |
| .210 | 15000. | 2026.0 | 1.1 | .0 | 1.0 | 784.49 | .00 |
| .210 | 5700. | 2023.0 | .0 | .4 | .0 | 213.33 | 40.00 |
| .210 | 9100. | 2025.2 | 2.3 | .9 | .0 | 668.80 | 40.00 |
| .210 | 10900. | 2025.9 | .7 | 1.0 | .0 | 935.49 | 40.00 |
| .210 | 15000. | 2027.1 | 1.2 | 1.1 | .0 | 1313.49 | 40.00 |
| .210 | 5700. | 2022.7 | .0 | -.1 | .0 | 89.00 | 1.00 |
| .210 | 9100. | 2024.6 | 1.7 | -.6 | .0 | 89.00 | 1.00 |
| .210 | 10900. | 2024.9 | .3 | -1.0 | .0 | 89.00 | 1.00 |
| .210 | 15000. | 2026.4 | 3.5 | 1.3 | .0 | 1345.16 | 1.00 |
| .210 | 5700. | 2023.2 | .0 | .3 | .0 | 89.00 | 30.00 |
| .210 | 9100. | 2025.2 | 2.0 | .6 | .0 | 89.00 | 30.00 |
| .210 | 10900. | 2026.0 | .7 | 1.1 | .0 | 333.05 | 30.00 |
| .210 | 15000. | 2029.3 | 3.2 | .9 | .0 | 1529.06 | 30.00 |
| .210 | 5700. | 2023.4 | .0 | .2 | .0 | 340.46 | 1.00 |
| .210 | 9100. | 2026.8 | 3.3 | 1.6 | .0 | 1265.43 | 1.00 |
| .210 | 10900. | 2028.2 | 1.5 | 2.2 | .0 | 1462.33 | 1.00 |
| .210 | 15000. | 2029.5 | 1.2 | .2 | .0 | 1501.71 | 1.00 |
| .210 | 5700. | 2023.7 | .0 | .3 | .0 | 397.33 | 40.00 |
| .210 | 9100. | 2026.8 | 3.1 | .1 | .0 | 1276.53 | 40.00 |
| .210 | 10900. | 2028.3 | 1.5 | .0 | .0 | 1469.12 | 40.00 |
| .210 | 15000. | 2029.3 | 1.2 | .0 | .0 | 1502.16 | 40.00 |
| .400 | 5700. | 2026.7 | .0 | 3.0 | .0 | 125.36 | 930.00 |
| .400 | 9100. | 2030.6 | 1.9 | 3.6 | .0 | 541.22 | 930.00 |
| .400 | 10900. | 2031.4 | .3 | 3.1 | .0 | 759.35 | 930.00 |
| .400 | 15000. | 2032.7 | 1.3 | 3.2 | .0 | 1245.63 | 930.00 |
| .560 | 5700. | 2034.7 | .0 | 0.1 | .0 | 120.90 | 830.00 |
| .560 | 9100. | 2036.6 | 2.0 | 0.2 | .0 | 154.75 | 830.00 |
| .560 | 10900. | 2037.6 | .6 | 0.1 | .0 | 157.21 | 830.00 |
| .560 | 15000. | 2039.9 | 1.3 | 0.2 | .0 | 163.40 | 830.00 |
| .600 | 5700. | 2036.7 | .0 | 2.0 | .0 | 121.76 | 150.00 |
| .600 | 9100. | 2038.3 | 1.3 | 1.6 | .0 | 164.71 | 150.00 |
| .600 | 10900. | 2039.3 | .8 | 1.6 | .0 | 170.14 | 150.00 |
| .600 | 15000. | 2040.8 | 1.5 | 1.9 | .0 | 180.46 | 150.00 |

| SECNO | Q | CWSEL | DTFWSP | DTFW SX | DTFKWS | TOPWID | XLCH |
|---------|--------|--------|--------|---------|--------|--------|---------|
| .600 | 5700. | 2038.1 | .0 | 1.4 | .0 | 132.65 | 40.00 |
| .600 | 9100. | 2040.0 | 1.9 | 1.4 | .0 | 137.74 | 40.00 |
| .600 | 10900. | 2040.8 | .8 | 1.4 | .0 | 139.82 | 40.00 |
| .600 | 15000. | 2042.2 | 1.5 | 1.4 | .0 | 143.74 | 40.00 |
| .600 | 5700. | 2038.3 | .0 | .2 | .0 | 132.17 | 30.00 |
| .600 | 9100. | 2040.3 | 2.0 | .3 | .0 | 137.52 | 30.00 |
| .600 | 10900. | 2041.1 | .8 | .4 | .0 | 139.81 | 30.00 |
| .600 | 15000. | 2044.1 | 2.9 | 1.9 | .0 | 147.73 | 30.00 |
| .600 | 5700. | 2038.5 | .0 | .1 | .0 | 163.91 | 10.00 |
| .600 | 9100. | 2040.6 | 2.1 | .3 | .0 | 178.67 | 10.00 |
| .600 | 10900. | 2041.5 | .9 | .4 | .0 | 185.27 | 10.00 |
| .600 | 15000. | 2044.7 | 3.1 | .6 | .0 | 399.90 | 10.00 |
| .800 | 5700. | 2046.8 | .0 | 8.3 | .0 | 96.60 | 1090.00 |
| .800 | 9100. | 2049.0 | 2.2 | 8.5 | .0 | 101.88 | 1090.00 |
| .800 | 10900. | 2050.1 | 1.0 | 8.5 | .0 | 104.67 | 1090.00 |
| .800 | 15000. | 2051.9 | 1.8 | 7.2 | .0 | 109.70 | 1090.00 |
| .940 | 5640. | 2051.7 | .0 | 4.9 | .0 | 156.61 | 760.00 |
| .940 | 9040. | 2054.4 | 2.7 | 5.4 | .0 | 170.79 | 760.00 |
| .940 | 10840. | 2055.7 | 1.3 | 5.6 | .0 | 176.77 | 760.00 |
| .940 | 14890. | 2058.2 | 2.5 | 6.3 | .0 | 406.66 | 760.00 |
| 1.420 | 5610. | 2073.9 | .0 | 22.2 | .0 | 102.02 | 2720.00 |
| 1.420 | 9010. | 2076.3 | 2.4 | 21.8 | .0 | 115.34 | 2720.00 |
| 1.420 | 10810. | 2077.3 | 1.1 | 21.7 | .0 | 120.64 | 2720.00 |
| 1.420 | 14810. | 2079.4 | 2.1 | 21.2 | .0 | 145.38 | 2720.00 |
| * 1.640 | 5610. | 2095.7 | .0 | 21.8 | .0 | 101.20 | 1280.00 |
| * 1.640 | 9010. | 2097.9 | 2.2 | 21.6 | .0 | 134.62 | 1280.00 |
| * 1.640 | 10810. | 2098.9 | 1.0 | 21.6 | .0 | 154.17 | 1280.00 |
| * 1.640 | 14810. | 2100.9 | 1.9 | 21.4 | .0 | 188.13 | 1280.00 |
| 1.760 | 5610. | 2102.2 | .0 | 6.5 | .0 | 147.28 | 640.00 |
| 1.760 | 9010. | 2104.7 | 2.5 | 6.8 | .0 | 395.36 | 640.00 |
| 1.760 | 10810. | 2105.7 | 1.0 | 6.8 | .0 | 415.07 | 640.00 |
| 1.760 | 14810. | 2107.6 | 1.9 | 6.8 | .0 | 422.78 | 640.00 |
| 2.200 | 5550. | 2129.4 | .0 | 27.2 | .0 | 93.12 | 2360.00 |
| 2.200 | 8920. | 2131.5 | 2.2 | 26.9 | .0 | 107.02 | 2360.00 |
| 2.200 | 10700. | 2132.5 | .9 | 26.6 | .0 | 114.01 | 2360.00 |
| 2.200 | 14670. | 2134.3 | 1.8 | 26.7 | .0 | 126.99 | 2360.00 |
| 2.520 | 5550. | 2152.3 | .0 | 23.0 | .0 | 158.54 | 1800.00 |
| 2.520 | 8920. | 2154.7 | 2.4 | 23.2 | .0 | 282.81 | 1800.00 |
| 2.520 | 10700. | 2155.7 | 1.0 | 23.2 | .0 | 300.61 | 1800.00 |
| 2.520 | 14670. | 2157.6 | 1.8 | 23.3 | .0 | 394.40 | 1800.00 |

| SECNO | Q | CWSEL | DIFNSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|-------|--------|--------|--------|--------|--------|---------|---------|
| 2.620 | 5530. | 2156.6 | .0 | 4.3 | .0 | 109.67 | 540.00 |
| 2.620 | 8870. | 2159.2 | 2.5 | 4.4 | .0 | 202.19 | 540.00 |
| 2.620 | 10630. | 2160.1 | .9 | 4.4 | .0 | 214.11 | 540.00 |
| 2.620 | 14600. | 2161.6 | 1.5 | 4.1 | .0 | 241.62 | 540.00 |
| 2.620 | 5530. | 2156.9 | .0 | .3 | .0 | 111.88 | 40.00 |
| 2.620 | 8870. | 2159.5 | 2.6 | .4 | .0 | 206.88 | 40.00 |
| 2.620 | 10630. | 2160.5 | 1.0 | .4 | .0 | 219.74 | 40.00 |
| 2.620 | 14600. | 2162.2 | 1.7 | .6 | .0 | 258.42 | 40.00 |
| 2.620 | 5530. | 2157.0 | .0 | .1 | .0 | 112.54 | 30.00 |
| 2.620 | 8870. | 2159.9 | 2.8 | .3 | .0 | 211.20 | 30.00 |
| 2.620 | 10630. | 2160.8 | .9 | .3 | .0 | 223.24 | 30.00 |
| 2.620 | 14600. | 2162.2 | 1.4 | .0 | .0 | 258.66 | 30.00 |
| 2.620 | 5530. | 2157.1 | .0 | .1 | .0 | 112.99 | 10.00 |
| 2.620 | 8870. | 2159.9 | 2.8 | .1 | .0 | 211.87 | 10.00 |
| 2.620 | 10630. | 2160.9 | 1.0 | .1 | .0 | 224.24 | 10.00 |
| 2.620 | 14600. | 2162.3 | 1.4 | .1 | .0 | 262.10 | 10.00 |
| 2.860 | 5530. | 2167.4 | .0 | 10.3 | .0 | 114.96 | 1210.00 |
| 2.860 | 8870. | 2169.6 | 2.2 | 9.7 | .0 | 146.14 | 1210.00 |
| 2.860 | 10630. | 2170.5 | .9 | 9.6 | .0 | 236.10 | 1210.00 |
| 2.860 | 14600. | 2172.3 | 1.7 | 9.9 | .0 | 241.78 | 1210.00 |
| 3.110 | 5490. | 2177.6 | .0 | 10.4 | .0 | 113.44 | 1300.00 |
| 3.110 | 8810. | 2180.3 | 2.5 | 10.7 | .0 | 170.86 | 1300.00 |
| 3.110 | 10560. | 2181.3 | 1.0 | 10.8 | .0 | 181.12 | 1300.00 |
| 3.110 | 14500. | 2183.2 | 1.8 | 10.9 | .0 | 202.23 | 1300.00 |
| 3.360 | 5490. | 2184.2 | .0 | 6.4 | .0 | 154.63 | 1120.00 |
| 3.360 | 8810. | 2186.7 | 2.4 | 6.4 | .0 | 300.64 | 1120.00 |
| 3.360 | 10560. | 2187.7 | 1.0 | 6.3 | .0 | 544.77 | 1120.00 |
| 3.360 | 14500. | 2189.5 | 1.8 | 6.3 | .0 | 554.84 | 1120.00 |
| 3.580 | 5450. | 2191.6 | .0 | 7.4 | .0 | 805.68 | 870.00 |
| 3.580 | 8760. | 2192.5 | 1.2 | 6.2 | .0 | 987.43 | 870.00 |
| 3.580 | 10440. | 2193.3 | .5 | 5.7 | .0 | 1001.24 | 870.00 |
| 3.580 | 14420. | 2194.3 | 1.0 | 4.8 | .0 | 1033.30 | 870.00 |
| 3.660 | 5460. | 2201.9 | .0 | 10.2 | .0 | 177.82 | 990.00 |
| 3.660 | 8760. | 2202.9 | 1.0 | 10.1 | .0 | 458.07 | 990.00 |
| 3.660 | 10440. | 2203.4 | .5 | 10.1 | .0 | 649.02 | 990.00 |
| 3.660 | 14420. | 2204.0 | 1.2 | 10.2 | .0 | 912.11 | 990.00 |
| 4.000 | 5430. | 2209.3 | .0 | 7.4 | .0 | 132.22 | 520.00 |
| 4.000 | 8710. | 2211.0 | 1.7 | 8.0 | .0 | 198.98 | 520.00 |
| 4.000 | 10420. | 2211.7 | .7 | 8.3 | .0 | 237.03 | 520.00 |
| 4.000 | 14340. | 2212.9 | 1.2 | 8.3 | .0 | 258.03 | 520.00 |

| SECNO | Q | CWSEL | DIFMSP | DIFNSX | DIFKWS | TOPWID | XLCH |
|-------|--------|--------|--------|--------|--------|--------|---------|
| 4.000 | 5430. | 2215.1 | .0 | 5.6 | .0 | 106.09 | 500.00 |
| 4.000 | 8710. | 2217.2 | 2.1 | 6.2 | .0 | 185.18 | 500.00 |
| 4.000 | 10420. | 2218.1 | .9 | 6.4 | .0 | 268.25 | 500.00 |
| 4.000 | 14340. | 2219.7 | 1.7 | 6.9 | .0 | 277.17 | 500.00 |
| 4.250 | 5430. | 2220.3 | .0 | 5.2 | .0 | 179.98 | 760.00 |
| 4.250 | 8710. | 2222.5 | 2.2 | 5.3 | .0 | 228.18 | 760.00 |
| 4.250 | 10420. | 2223.4 | .9 | 5.3 | .0 | 271.68 | 760.00 |
| 4.250 | 14340. | 2225.1 | 1.7 | 5.4 | .0 | 296.39 | 760.00 |
| 4.250 | 5430. | 2221.0 | .0 | .7 | .0 | 192.35 | 40.00 |
| 4.250 | 8710. | 2223.5 | 2.5 | 1.0 | .0 | 272.07 | 40.00 |
| 4.250 | 10420. | 2224.6 | 1.1 | 1.2 | .0 | 287.61 | 40.00 |
| 4.250 | 14340. | 2226.7 | 2.1 | 1.6 | .0 | 330.88 | 40.00 |
| 4.250 | 5430. | 2220.9 | .0 | -.1 | .0 | 144.24 | 1.00 |
| 4.250 | 8710. | 2223.4 | 2.5 | -.2 | .0 | 191.08 | 1.00 |
| 4.250 | 10420. | 2224.4 | 1.0 | -.2 | .0 | 211.01 | 1.00 |
| 4.250 | 14340. | 2226.3 | 1.9 | -.4 | .0 | 313.31 | 1.00 |
| 4.250 | 5430. | 2221.2 | .0 | .4 | .0 | 150.89 | 30.00 |
| 4.250 | 8710. | 2223.3 | 2.6 | .5 | .0 | 194.90 | 30.00 |
| 4.250 | 10420. | 2224.9 | 1.1 | .6 | .0 | 228.29 | 30.00 |
| 4.250 | 14340. | 2226.9 | 2.0 | .6 | .0 | 318.52 | 30.00 |
| 4.250 | 5430. | 2221.0 | .0 | .3 | .0 | 203.35 | 1.00 |
| 4.250 | 8710. | 2224.3 | 2.7 | .4 | .0 | 282.02 | 1.00 |
| 4.250 | 10420. | 2225.5 | 1.2 | .6 | .0 | 306.76 | 1.00 |
| 4.250 | 14340. | 2227.7 | 2.2 | .8 | .0 | 334.48 | 1.00 |
| 4.250 | 5430. | 2221.6 | .0 | -.0 | .0 | 203.09 | 20.00 |
| 4.250 | 8710. | 2224.2 | 2.6 | -.1 | .0 | 260.62 | 20.00 |
| 4.250 | 10420. | 2225.4 | 1.2 | -.1 | .0 | 304.15 | 20.00 |
| 4.250 | 14340. | 2227.6 | 2.2 | -.1 | .0 | 334.00 | 20.00 |
| 4.560 | 5340. | 2229.1 | .0 | 7.5 | .0 | 90.40 | 1600.00 |
| 4.560 | 8640. | 2231.3 | 2.2 | 7.1 | .0 | 103.63 | 1600.00 |
| 4.560 | 10330. | 2232.3 | 1.0 | 6.9 | .0 | 111.09 | 1600.00 |
| 4.560 | 14230. | 2234.3 | 2.0 | 6.7 | .0 | 126.08 | 1600.00 |
| 4.750 | 5360. | 2239.3 | .0 | 10.2 | .0 | 76.25 | 1000.00 |
| 4.750 | 8620. | 2241.4 | 2.1 | 10.1 | .0 | 83.07 | 1000.00 |
| 4.750 | 10310. | 2242.5 | .9 | 10.0 | .0 | 85.89 | 1000.00 |
| 4.750 | 14200. | 2244.3 | 1.9 | 9.9 | .0 | 91.72 | 1000.00 |
| 4.850 | 5340. | 2243.4 | .0 | 4.1 | .0 | 80.04 | 550.00 |
| 4.850 | 8620. | 2245.2 | 2.3 | 4.6 | .0 | 103.79 | 550.00 |
| 4.850 | 10310. | 2247.4 | 1.3 | 5.1 | .0 | 112.93 | 550.00 |
| 4.850 | 14200. | 2249.0 | 2.0 | 5.8 | .0 | 131.83 | 550.00 |

| SEGN0 | Q | CHSEL | DTFWSP | DTFWSX | DTFKWS | TOPWID | XLCH |
|-------|--------|--------|--------|--------|--------|--------|---------|
| 5.050 | 5380. | 2253.8 | .0 | 10.4 | .0 | 74.71 | 1020.00 |
| 5.050 | 8620. | 2255.9 | 2.1 | 9.7 | .0 | 61.46 | 1020.00 |
| 5.050 | 10310. | 2256.8 | .9 | 9.4 | .0 | 84.28 | 1020.00 |
| 5.050 | 14200. | 2258.7 | 1.9 | 8.7 | .0 | 90.09 | 1020.00 |
| 5.200 | 5350. | 2263.7 | .0 | 9.9 | .0 | 159.31 | 770.00 |
| 5.200 | 8560. | 2265.6 | 2.0 | 9.8 | .0 | 167.81 | 770.00 |
| 5.200 | 10240. | 2266.6 | 1.0 | 9.8 | .0 | 171.11 | 770.00 |
| 5.200 | 14110. | 2268.7 | 2.1 | 9.9 | .0 | 177.62 | 770.00 |
| 5.410 | 5350. | 2272.5 | .0 | 8.8 | .0 | 178.83 | 1120.00 |
| 5.410 | 8560. | 2274.2 | 1.7 | 8.6 | .0 | 229.34 | 1120.00 |
| 5.410 | 10240. | 2274.9 | .8 | 8.4 | .0 | 275.20 | 1120.00 |
| 5.410 | 14110. | 2276.5 | 1.5 | 7.8 | .0 | 750.05 | 1120.00 |
| 5.700 | 5320. | 2286.3 | .0 | 13.8 | .0 | 145.11 | 1500.00 |
| 5.700 | 8500. | 2288.0 | 1.7 | 13.8 | .0 | 162.75 | 1500.00 |
| 5.700 | 10160. | 2288.7 | .7 | 13.8 | .0 | 169.28 | 1500.00 |
| 5.700 | 14020. | 2290.2 | 1.4 | 13.7 | .0 | 207.39 | 1500.00 |
| 5.840 | 5320. | 2292.3 | .0 | 5.0 | .0 | 76.23 | 585.00 |
| 5.840 | 8500. | 2294.2 | 1.9 | 6.2 | .0 | 84.82 | 585.00 |
| 5.840 | 10160. | 2295.0 | .8 | 6.3 | .0 | 88.63 | 585.00 |
| 5.840 | 14020. | 2297.2 | 2.1 | 7.0 | .0 | 235.32 | 585.00 |
| 5.960 | 5300. | 2299.0 | .0 | 6.7 | .0 | 134.52 | 500.00 |
| 5.960 | 8470. | 2301.1 | 2.1 | 5.9 | .0 | 161.82 | 500.00 |
| 5.960 | 10120. | 2302.1 | 1.0 | 7.0 | .0 | 171.33 | 500.00 |
| 5.960 | 13970. | 2303.6 | 1.5 | 6.4 | .0 | 185.30 | 500.00 |

RAVEN FORK

CHEPOKEE INDIAN LANDS

500-YEAR FLOOD 100-YEAR FLOOD 50-YEAR FLOOD 10-YEAR FLOOD

| MILE | Q | ELEV | Q | FLFV | Q | FLFV | Q | FLFV |
|-------|--------|--------|--------|--------|-------|--------|-------|--------|
| .210 | 15000. | 2026.0 | 10900. | 2024.9 | 9100. | 2024.3 | 5700. | 2022.5 |
| .210 | 15000. | 2029.5 | 10900. | 2028.3 | 9100. | 2026.8 | 5700. | 2023.7 |
| .400 | 15000. | 2032.7 | 10900. | 2031.4 | 9100. | 2030.6 | 5700. | 2028.7 |
| .560 | 15000. | 2038.9 | 10900. | 2037.8 | 9100. | 2036.8 | 5700. | 2034.7 |
| .600 | 15000. | 2040.8 | 10900. | 2039.3 | 9100. | 2038.6 | 5700. | 2036.7 |
| .600 | 15000. | 2044.7 | 10900. | 2041.5 | 9100. | 2040.6 | 5700. | 2038.5 |
| .600 | 15000. | 2051.9 | 10900. | 2050.1 | 9100. | 2049.0 | 5700. | 2046.8 |
| .840 | 14800. | 2058.2 | 10840. | 2055.7 | 9000. | 2054.4 | 5640. | 2051.7 |
| 1.420 | 14810. | 2079.4 | 10810. | 2077.3 | 9010. | 2076.3 | 5610. | 2073.9 |
| 1.640 | 14810. | 2100.9 | 10810. | 2098.9 | 9010. | 2097.9 | 5610. | 2095.7 |
| 1.760 | 14810. | 2107.6 | 10810. | 2105.7 | 9010. | 2104.7 | 5610. | 2102.2 |
| 2.200 | 14670. | 2134.3 | 10700. | 2132.5 | 8920. | 2131.5 | 5550. | 2129.4 |
| 2.520 | 14670. | 2157.6 | 10700. | 2155.7 | 8920. | 2154.7 | 5550. | 2152.3 |
| 2.620 | 14600. | 2161.6 | 10630. | 2160.1 | 8870. | 2159.2 | 5530. | 2156.6 |
| 2.620 | 14600. | 2162.3 | 10630. | 2160.9 | 8870. | 2159.9 | 5530. | 2157.1 |
| 2.860 | 14600. | 2172.3 | 10630. | 2170.5 | 8870. | 2169.6 | 5530. | 2167.4 |
| 3.110 | 14560. | 2183.2 | 10560. | 2181.3 | 8810. | 2180.3 | 5490. | 2177.8 |
| 3.360 | 14500. | 2189.5 | 10560. | 2187.7 | 8810. | 2186.7 | 5490. | 2184.2 |
| 3.580 | 14420. | 2194.3 | 10490. | 2193.3 | 8760. | 2192.8 | 5460. | 2191.6 |
| 3.860 | 14420. | 2204.6 | 10490. | 2203.4 | 8760. | 2202.9 | 5460. | 2201.9 |
| 4.000 | 14340. | 2212.9 | 10420. | 2211.7 | 8710. | 2211.0 | 5430. | 2209.3 |
| 4.000 | 14340. | 2219.7 | 10420. | 2218.1 | 8710. | 2217.2 | 5430. | 2215.1 |
| 4.250 | 14340. | 2225.1 | 10420. | 2223.4 | 8710. | 2222.5 | 5430. | 2220.3 |
| 4.250 | 14340. | 2227.6 | 10420. | 2225.4 | 8710. | 2224.2 | 5430. | 2221.6 |
| 4.560 | 14230. | 2238.3 | 10330. | 2232.3 | 8600. | 2231.3 | 5390. | 2229.1 |
| 4.750 | 14200. | 2244.3 | 10310. | 2242.3 | 8620. | 2241.4 | 5380. | 2239.3 |

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| | | | | | | | | |
|-------|--------|--------|--------|--------|-------|--------|-------|--------|
| 4.850 | 14200. | 2250.0 | 10310. | 2247.4 | 8620. | 2246.2 | 5380. | 2243.4 |
| 5.050 | 14200. | 2258.7 | 10310. | 2256.8 | 8620. | 2255.9 | 5380. | 2253.8 |
| 5.200 | 14110. | 2268.7 | 10240. | 2266.6 | 8560. | 2265.6 | 5350. | 2263.7 |
| 5.410 | 14110. | 2276.5 | 10240. | 2274.9 | 8560. | 2274.2 | 5350. | 2272.5 |
| 5.700 | 14020. | 2290.2 | 10160. | 2288.7 | 8500. | 2288.0 | 5320. | 2286.3 |
| 5.840 | 14020. | 2297.2 | 10160. | 2295.0 | 8500. | 2294.2 | 5320. | 2292.3 |
| 5.960 | 13970. | 2303.6 | 10120. | 2302.1 | 8470. | 2301.1 | 5300. | 2299.0 |

| T1 | CHEROKEE INDIAN LANDS | | | | | | DSN=RAVENFK1 | 00001000 | | | |
|----------|-----------------------|--------|--------|--------|--------|--------|----------------|----------|--------|----------|----------|
| T2 | 10-YEAR FLOOD | | | | | | H011270 JHN | 00002000 | | | |
| T3 | PAVEN FURK | | | | | | FLOOD PROFILES | 00003000 | | | |
| J1 | 3 | | | | | | 2299.0 | 00004000 | | | |
| J2 | -1 | | | | | | | 00005000 | | | |
| J3 | 150 | 0 | 160 | | | | 00006000 | | | | |
| J6 | 1 | | | | | | | 00006100 | | | |
| NC | .12 | .10 | .055 | .1 | .5 | | 00007000 | | | | |
| OT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | 00008000 | | | |
| FT | | | | | | | | 00009000 | | | |
| X1 | 5.96 | 17 | 352 | 434 | 600 | 450 | 500 | 00010000 | | | |
| GR2344.8 | 0 | 2315.1 | 69 | 2305.3 | 47 | 2308.2 | 140 | 2309.2 | 189 | 00011000 | |
| GR2308.1 | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.0 | 352 | 00012000 | |
| GR2293.8 | 434 | 2295.1 | 434 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 | 00013000 | |
| GR2305.0 | 556 | 2335.2 | 601 | | | | | | | 00014000 | |
| NC | .12 | .06 | .055 | .1 | .5 | | | 00015000 | | | |
| OT | 6 | 2560 | 5295 | 8449 | 10092 | 13935 | 10092 | 00016000 | | | |
| FT | | | | | | | | 00017000 | | | |
| X1 | 6.14 | 25 | 370 | 456 | 400 | 730 | 840 | 00018000 | | | |
| GR2325.0 | 73 | 2315.6 | 109 | 2313.3 | 159 | 2313.6 | 206 | 2314.1 | 222 | 00019000 | |
| GR2313.3 | 255 | 2312.9 | 291 | 2312.0 | 305 | 2306.7 | 342 | 2305.5 | 366 | 00020000 | |
| GR2308.1 | 370 | 2301.7 | 377 | 2300.2 | 385 | 2299.8 | 409 | 2299.7 | 419 | 00021000 | |
| GR2294.5 | 430 | 2299.8 | 441 | 2301.0 | 449 | 2304.0 | 456 | 2308.5 | 460 | 00022000 | |
| GR2315.2 | 469 | 2316.3 | 476 | 2317.1 | 496 | 2316.2 | 502 | 2325.6 | 519 | 00023000 | |
| NC | .15 | .06 | .055 | .1 | .5 | .08 | .599 | .05 | 733 | 00024000 | |
| OT | 6 | 2528 | 5275 | 8436 | 10075 | 13914 | 10075 | 00025000 | | | |
| FT | | | | | | | | 00026000 | | | |
| X1 | 6.25 | 33 | 445 | 525 | 620 | 620 | 620 | 00027000 | | | |
| GR2330.0 | 4 | 2320.5 | 46 | 2315.7 | 71 | 2317.6 | 140 | 2317.2 | 176 | 00028000 | |
| GR2317.3 | 136 | 2317.5 | 238 | 2317.0 | 261 | 2314.2 | 322 | 2314.5 | 445 | 00029000 | |
| GR2314.6 | 452 | 2311.2 | 463 | 2306.3 | 466 | 2307.3 | 466 | 2306.4 | 472 | 00030000 | |
| GR2306.7 | 469 | 2306.4 | 468 | 2307.3 | 509 | 2308.5 | 510 | 2304.0 | 525 | 00031000 | |
| GR2310.9 | 533 | 2311.0 | 573 | 2315.0 | 596 | 2317.0 | 593 | 2317.9 | 599 | 00032000 | |
| GR2317.1 | 621 | 2316.9 | 627 | 2317.0 | 633 | 2316.0 | 636 | 2317.8 | 645 | 00033000 | |
| GR2311.3 | 692 | 2320.7 | 675 | 2330.0 | 733 | | | | | 00034000 | |
| NC | .15 | .07 | .055 | .1 | .5 | | | 00035000 | | | |
| OT | 6 | 2530 | 5267 | 8417 | 10051 | 13835 | 10051 | 00036000 | | | |
| FT | | | | | | | | 00037000 | | | |
| X1 | 6.41 | 27 | 351 | 355 | 740 | 740 | 740 | 00038000 | | | |
| GR2337.7 | 0 | 2320.3 | 106 | 2320.4 | 134 | 2325.0 | 165 | 2325.4 | 205 | 00039000 | |
| GR2324.0 | 210 | 2325.8 | 223 | 2318.9 | 230 | 2317.4 | 240 | 2316.0 | 250 | 00040000 | |
| GR2315.0 | 250 | 2315.2 | 255 | 2315.0 | 275 | 2312.5 | 296 | 2312.0 | 301 | 00041000 | |
| GR2312.0 | 312 | 2312.7 | 317 | 2314.0 | 325 | 2316.5 | 326 | 2318.2 | 335 | 00042000 | |
| GR2314.7 | 351 | 2322.9 | 364 | 2322.9 | 381 | 2321.9 | 389 | 2324.2 | 450 | 00043000 | |
| GR2325.5 | 475 | 2326.0 | 550 | 2326.0 | 582 | 2340.0 | 582 | | | 00044000 | |
| FT | | | | | | | | 00045000 | | | |
| X1 | 6.41 | | | | 80 | 80 | 80 | 00046000 | | | |
| NC | 1.25 | 1.5 | .5 | 0 | 25.01 | .01 | 740 | 0 | 2314.0 | 2314.0 | 00047000 |
| FT | | | | | | | | 00048000 | | | |
| X1 | 6.01 | | | | 30 | 30 | 30 | 00049000 | | | |
| X2 | | | | 1 | 2322.8 | 2321.4 | | 00050000 | | | |
| OT | 10 | 0 | 2332.3 | 0 | 75 | 2330.3 | 0 | 135 | 2328.4 | 0 | 00051000 |
| OT | 19 | 2325.0 | 0 | 190 | 2324.3 | 0 | 197 | 2324.0 | 0 | 217 | 00052000 |
| RT2325.1 | 0 | 244 | 2325.6 | 0 | 245 | 2325.0 | 0 | 290 | 2324.4 | 00053000 | |

| | | | | | | | | | | | |
|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|-----|----------|
| BT | 0 | 335 | 2328.0 | 0 | 337 | 2325.7 | 0 | 379 | 2325.1 | 0 | 00054000 |
| BT | 384 | 2324.4 | 0 | 430 | 2326.3 | 0 | 537 | 2330.9 | 0 | 582 | 00055000 |
| BT2330.9 | | 0 | 582 | 2340.0 | | | | | | | 00056000 |
| ET | | | | | | | | | | | 00057000 |
| X1 | 6.41 | 23 | 250 | 335 | 10 | 10 | 10 | | | | 00058000 |
| GR2333.0 | | 0 | 2331.6 | 45 | 2329.0 | 150 | 2326.1 | 200 | 2326.1 | 223 | 00059000 |
| GR2316.5 | | 250 | 2314.9 | 255 | 2313.6 | 262 | 2313.3 | 274 | 2314.0 | 283 | 00060000 |
| GR2313.1 | | 290 | 2313.0 | 300 | 2313.2 | 313 | 2313.8 | 320 | 2314.7 | 325 | 00061000 |
| GR2316.5 | | 326 | 2319.0 | 335 | 2326.4 | 361 | 2326.4 | 381 | 2328.4 | 461 | 00062000 |
| GR2329.5 | | 553 | 2330.5 | 582 | 2340.0 | 582 | | | | | 00063000 |
| NC | | | | .1 | .5 | | | | | | 00063100 |
| NH | 5 | .15 | 238 | .18 | 264 | .05 | 341 | .15 | 378 | .07 | 00064000 |
| NH | 572 | | | | | | | | | | 00065000 |
| ET | | | | | | | | | | | 00066000 |
| X1 | 6.5 | 28 | 264 | 341 | 480 | 480 | 480 | | | | 00067000 |
| GR2340.0 | | 3 | 2331.5 | 70 | 2329.6 | 120 | 2329.2 | 137 | 2329.1 | 150 | 00068000 |
| GR2328.4 | | 176 | 2328.0 | 220 | 2326.6 | 225 | 2326.4 | 232 | 2321.7 | 245 | 00069000 |
| GR2320.0 | | 252 | 2318.9 | 260 | 2317.1 | 266 | 2315.9 | 270 | 2315.3 | 307 | 00070000 |
| GR2315.2 | | 327 | 2315.8 | 334 | 2316.5 | 339 | 2319.3 | 341 | 2321.2 | 352 | 00071000 |
| GR2322.7 | | 367 | 2325.6 | 378 | 2325.6 | 396 | 2324.8 | 403 | 2327.1 | 470 | 00072000 |
| GR2327.9 | | 484 | 2328.5 | 530 | 2340.0 | 572 | | | | | 00073000 |
| NH | 4 | .15 | 232 | .18 | 310 | .065 | 415 | .07 | 538 | | 00074000 |
| OT | 6 | 2541 | 5255 | 8396 | 10024 | 13851 | 10024 | | | | 00075000 |
| ET | | | | | | | | | | | 00076000 |
| X1 | 6.59 | 10 | 310 | 415 | 490 | 490 | 490 | | | | 00077000 |
| GR2350.0 | | 36 | 2335.9 | 88 | 2334.2 | 105 | 2335.2 | 150 | 2335.9 | 200 | 00078000 |
| GR2336.0 | | 232 | 2334.5 | 252 | 2332.1 | 278 | 2329.2 | 297 | 2328.0 | 310 | 00079000 |
| GR2325.5 | | 314 | 2324.2 | 323 | 2323.0 | 339 | 2323.5 | 345 | 2325.6 | 408 | 00080000 |
| GR2326.3 | | 415 | 2326.4 | 434 | 2336.7 | 465 | 2350.0 | 538 | | | 00081000 |
| NH | 4 | .15 | 250 | .18 | 328 | .065 | 433 | .07 | 453 | | 00082000 |
| ET | | | | | | | | | | | 00083000 |
| X1 | 6.66 | 20 | 328 | 430 | 370 | 370 | 370 | | | | 00084000 |
| GR2355.0 | | 37 | 2337.0 | 106 | 2335.2 | 121 | 2336.6 | 189 | 2337.0 | 220 | 00085000 |
| GR2337.1 | | 250 | 2335.4 | 267 | 2332.6 | 300 | 2330.0 | 317 | 2329.1 | 328 | 00086000 |
| GR2326.7 | | 332 | 2326.2 | 334 | 2325.3 | 341 | 2325.0 | 345 | 2325.0 | 417 | 00087000 |
| GR2326.8 | | 428 | 2327.0 | 430 | 2329.4 | 453 | 2337.7 | 483 | 2355.0 | 578 | 00088000 |
| NH | 4 | .20 | 178 | .06 | 294 | .06 | 325 | .08 | 476 | | 00089000 |
| OT | 6 | 2537 | 5243 | 8376 | 9998 | 13819 | 9998 | | | | 00090000 |
| ET | | | | | | | | | | | 00091000 |
| X1 | 6.76 | 20 | 176 | 294 | 600 | 600 | 600 | | | | 00092000 |
| GR2335.0 | | 80 | 2349.7 | 120 | 2349.0 | 139 | 2343.3 | 161 | 2339.6 | 178 | 00093000 |
| GR2337.4 | | 181 | 2335.9 | 192 | 2335.9 | 201 | 2335.1 | 220 | 2334.2 | 260 | 00094000 |
| GR2333.5 | | 271 | 2336.0 | 281 | 2337.7 | 289 | 2340.3 | 294 | 2345.0 | 300 | 00095000 |
| GR2340.3 | | 319 | 2349.8 | 325 | 2349.6 | 421 | 2355.0 | 459 | 2365.0 | 476 | 00096000 |
| X1 | 6.84 | | | 400 | 400 | 400 | | 6 | | | 00096100 |
| NH | 6 | .15 | 43 | .06 | 180 | .10 | 176 | .05 | 250 | .10 | 00097000 |
| NH | 384 | .08 | 600 | | | | | | | | 00098000 |
| OT | 6 | 2524 | 5233 | 8357 | 9973 | 13789 | 9973 | | | | 00099000 |
| ET | | | | | | | | | | | 00100000 |
| X1 | 6.92 | 22 | 43 | 140 | 480 | 320 | 480 | | | | 00101000 |
| GR2346.2 | | 0 | 2352.5 | 43 | 2346.5 | 50 | 2345.2 | 50 | 2345.2 | 118 | 00102000 |
| GR2346.5 | | 118 | 2352.4 | 140 | 2353.2 | 159 | 2351.6 | 176 | 2345.2 | 184 | 00103000 |
| GR2345.2 | | 226 | 2354.0 | 250 | 2354.0 | 260 | 2354.0 | 265 | 2354.0 | 266 | 00104000 |

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|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| GR2354.0 | 384 | 2353.9 | 401 | 2353.9 | 494 | 2356.1 | 511 | 2356.1 | 530 | 00106000 | |
| GR2353.3 | 540 | 2382.7 | 600 | | | | | | | 00107000 | |
| NC | .15 | .07 | .06 | | | | | | | 00108000 | |
| QT | 6 | 2516 | 5221 | 8337 | 9947 | 13758 | 9947 | | | 00109000 | |
| ET | | | | | | | | | | 00110000 | |
| X1 | 7.09 | 19 | 125 | 189 | 840 | 640 | 840 | | | 00111000 | |
| GR2375.0 | 5 | 2363.4 | 43 | 2362.7 | 80 | 2361.4 | 91 | 2360.7 | 105 | 00112000 | |
| GR2355.5 | 125 | 2352.7 | 129 | 2352.7 | 141 | 2352.7 | 145 | 2352.7 | 165 | 00113000 | |
| GR2352.7 | 180 | 2360.0 | 189 | 2366.0 | 199 | 2366.0 | 211 | 2365.2 | 229 | 00114000 | |
| GR2363.6 | 235 | 2365.1 | 243 | 2367.5 | 248 | 2375.0 | 249 | | | 00115000 | |
| NC | .13 | .09 | .07 | | | | | | | 00116000 | |
| QT | 6 | 2507 | 5208 | 8314 | 9918 | 13722 | 9918 | | | 00117000 | |
| ET | | | | | | | | | | 00118000 | |
| X1 | 7.28 | 12 | 85 | 183 | 1040 | 1040 | 1040 | | | 00119000 | |
| GR2409.7 | 0 | 2376.9 | 70 | 2369.7 | 85 | 2366.4 | 91 | 2365.0 | 110 | 00120000 | |
| GR2365.0 | 157 | 2366.4 | 163 | 2370.9 | 183 | 2374.1 | 243 | 2378.2 | 277 | 00121000 | |
| GR2378.1 | 329 | 2400.0 | 365 | | | | | | | 00122000 | |
| NC | .10 | .10 | .055 | | | | | | | 00123000 | |
| QT | 6 | 2500 | 5200 | 8300 | 9900 | 13700 | 9900 | | | 00124000 | |
| ET | | | | | | | | | | 00125000 | |
| X1 | 7.41 | 31 | 136 | 249 | 640 | 520 | 640 | | | 00126000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 00127000 | |
| GR2384.7 | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 00128000 | |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 00129000 | |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 00130000 | |
| GR2375.2 | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.2 | 281 | 00131000 | |
| GR2380.4 | 290 | 2379.8 | 300 | 2376.9 | 312 | 2381.8 | 408 | 2395.0 | 420 | 00132000 | |
| GR2400.0 | 426 | | | | | | | | | 00133000 | |
| X1 | 7.41 | 28 | 112 | 250 | 40 | 40 | | | | 00134000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00135000 | |
| GR2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 00136000 | |
| GR2373.2 | 170 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 00137000 | |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 00138000 | |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 00139000 | |
| GR2380.7 | 388 | 2386.7 | 396 | 2400.0 | 426 | | | | | 00140000 | |
| X1 | 7.41 | 35 | 112 | 250 | 1 | 1 | 1 | | | 00141000 | |
| BT | 10 | 46 | 2384.8 | 0 | 110 | 2385.4 | 0 | 110 | 2387.5 | 0 | 00142000 |
| BT | 112 | 2387.5 | 0 | 112 | 2387.5 | 2382.4 | 250 | 2387.5 | 2382.4 | 250 | 00143000 |
| BT | 2387.5 | 0 | 252 | 2387.5 | 0 | 252 | 2385.3 | 0 | 272 | 2384.9 | 00144000 |
| BT | 0 | | | | | | | | | | 00145000 |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00146000 | |
| GR2385.4 | 110 | 2385.4 | 112 | 2378.5 | 112 | 2376.4 | 130 | 2374.9 | 151 | 00147000 | |
| GR2382.4 | 151 | 2382.4 | 153 | 2374.8 | 153 | 2374.5 | 169 | 2373.2 | 174 | 00148000 | |
| GR2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 2382.4 | 211 | 00149000 | |
| GR2382.4 | 213 | 2373.0 | 213 | 2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 00150000 | |
| GR2378.1 | 242 | 2378.2 | 250 | 2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 00151000 | |
| GR2381.3 | 351 | 2381.3 | 368 | 2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | 00152000 | |
| X1 | 7.41 | | | 30 | 30 | 30 | | | | 00153000 | |
| X2 | | | | | | | | | | 00154000 | |
| NC | .10 | .10 | .085 | | | | | | | 00155000 | |
| X1 | 7.41 | 28 | 112 | 250 | 1 | 1 | 1 | | | 00156000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00157000 | |
| GR2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 00158000 | |

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|----------|------|--------|------|--------|--------|--------|------|--------|--------|----------|
| GR2373.2 | 172 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 00159000 |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 00160000 |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 00161000 |
| GR2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 00162000 |
| X1 7.41 | 31 | 136 | 249 | 10 | 10 | 10 | | | | 00163000 |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 00164000 |
| GR2384.7 | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 00165000 |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.6 | 181 | 2371.7 | 166 | 00166000 |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 00167000 |
| GR2375.2 | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.4 | 280 | 00168000 |
| GR2381.3 | 350 | 2381.3 | 368 | 2380.7 | 389 | 2380.7 | 397 | 2395.0 | 420 | 00169000 |
| GR2400.0 | 426 | | | | | | | | | 00170000 |
| NC .15 | .13 | .06 | | | | | | | | 00171000 |
| QT 6 | 2082 | 4200 | 6882 | 8282 | 11482 | 8282 | | | | 00172000 |
| FT | | | | | | | | | | 00173000 |
| X1 7.56 | 16 | 53 | 206 | 890 | 890 | 890 | | | | 00174000 |
| GR2420.0 | 0 | 2392.0 | 53 | 2386.1 | 74 | 2383.0 | 68 | 2382.0 | 105 | 00175000 |
| GR2382.0 | 155 | 2382.9 | 174 | 2391.1 | 206 | 2391.1 | 216 | 2389.3 | 231 | 00176000 |
| GR2389.4 | 310 | 2392.6 | 328 | 2392.6 | 350 | 2392.5 | 351 | 2393.1 | 486 | 00177000 |
| GR2424.1 | 558 | | | | | | | | | 00178000 |
| NC .13 | .12 | .06 | | | | | | | | 00179000 |
| QT 6 | 2040 | 4200 | 6840 | 8240 | 11440 | 8240 | | | | 00180000 |
| FT | | | | | | | | | | 00181000 |
| X1 7.90 | 14 | 32 | 125 | 2200 | 2320 | 2200 | | | | 00182000 |
| GR2440.0 | 0 | 2418.9 | 32 | 2406.7 | 45 | 2403.8 | 53 | 2403.8 | 89 | 00183000 |
| GR2406.0 | 95 | 2406.8 | 95 | 2417.8 | 125 | 2422.0 | 228 | 2422.0 | 250 | 00184000 |
| GR2419.1 | 267 | 2432.1 | 307 | 2445.2 | 367 | 2459.7 | 418 | | | 00185000 |
| NC .15 | .12 | .075 | | | | | | | | 00186000 |
| ET | | | | | | | | | | 00187000 |
| X1 8.20 | 19 | 71 | 116 | 1090 | 1090 | 1090 | -8.4 | | | 00188000 |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 00189000 |
| GR2437.5 | 85 | 2434.4 | 96 | 2435.0 | 106 | 2441.3 | 116 | 2441.5 | 125 | 00190000 |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 00191000 |
| GR2457.7 | 198 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 00192000 |
| NC .15 | .12 | .065 | | | | | | | | 00192100 |
| X1 8.35 | 19 | 71 | 116 | 770 | 770 | 770 | | | | 00193000 |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 00193100 |
| GR2440.0 | 78 | 2440.0 | 96 | 2440.0 | 114 | 2441.3 | 116 | 2441.5 | 125 | 00193200 |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 00193300 |
| GR2457.7 | 198 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 00193400 |
| QT 6 | 1200 | 2600 | 4300 | 5200 | 7000 | 5200 | | | | 00194000 |
| FT | | | | | | | | | | 00195000 |
| X1 8.39 | 12 | 75 | 130 | 240 | 110 | 160 | | | | 00196000 |
| GR2469.5 | 0 | 2461.0 | 22 | 2460.2 | 55 | 2451.0 | 75 | 2446.0 | 86 | 00197000 |
| GR2444.4 | 90 | 2444.4 | 95 | 2444.5 | 103 | 2445.6 | 113 | 2450.3 | 130 | 00198000 |
| GR2457.3 | 157 | 2475.0 | 181 | | | | | | | 00199000 |
| FT | | | | | | | | | | 00200000 |
| X1 8.39 | | | 40 | 40 | 40 | | | | | 00201000 |
| QB 1.25 | 1.6 | 3 | 0 | 45.8 | 3 | 574 | 1.46 | 2445.5 | 2445.5 | 00202000 |
| FT | | | | | | | | | | 00203000 |
| X1 8.39 | | | | 30 | 30 | 30 | | | | 00204000 |
| X2 | | | 1 | 2455.5 | 2459.0 | | | | | 00205000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| BT | 11 | 0 | 2472.0 | 0 | 5 | 2467.5 | 0 | 22 | 2461.0 | 0 | 00206000 |
| BT | 55 | 2460.2 | 0 | 57 | 2459.0 | 0 | 75 | 2459.0 | 0 | 75 | 00207000 |
| BT | 2461.0 | 0 | 80 | 2461.3 | 0 | 160 | 2461.3 | 0 | 162 | 2461.1 | 00208000 |
| BT | 0 | 181 | 2475.0 | 0 | | | | | | | 00209000 |
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| ET | | | | | | | | | | | 00211000 |
| X1 | 8.39 | | | 10 | 10 | 10 | | | | | 00212000 |
| NH | 4 | .12 | 220 | .06 | 288 | .08 | 480 | .20 | 753 | | 00213000 |
| X1 | 8.53 | 19 | 220 | 288 | 680 | 800 | 680 | | | | 00215000 |
| GR | 2513.5 | 0 | 2477.3 | 60 | 2469.2 | 80 | 2470.6 | 90 | 2470.6 | 115 | 00216000 |
| GR | 2462.7 | 156 | 2457.0 | 220 | 2455.0 | 220 | 2452.5 | 230 | 2452.5 | 273 | 00217000 |
| GR | 2455.0 | 273 | 2463.0 | 288 | 2464.9 | 318 | 2463.4 | 387 | 2463.4 | 448 | 00218000 |
| GR | 2464.7 | 480 | 2464.7 | 661 | 2490.3 | 729 | 2513.4 | 753 | | | 00219000 |
| NC | .10 | .13 | .060 | | | | | | | | 00220000 |
| ET | | | | | | | | | | | 00222000 |
| X1 | 8.76 | 24 | 726 | 860 | 1240 | 1080 | 1160 | | | | 00223000 |
| GR | 2512.8 | 0 | 2508.9 | 147 | 2492.5 | 297 | 2490.2 | 310 | 2490.2 | 323 | 00224000 |
| GR | 2486.9 | 358 | 2480.1 | 453 | 2478.2 | 500 | 2479.5 | 595 | 2476.2 | 631 | 00225000 |
| GR | 2477.5 | 641 | 2477.5 | 662 | 2475.3 | 695 | 2475.0 | 726 | 2468.0 | 756 | 00226000 |
| GR | 2466.6 | 775 | 2466.8 | 825 | 2468.0 | 843 | 2472.0 | 860 | 2478.5 | 888 | 00227000 |
| GR | 2482.0 | 930 | 2482.0 | 948 | 2490.1 | 971 | 2505.4 | 1016 | | | 00228000 |
| NC | .10 | .10 | .055 | | | | | | | | 00229000 |
| QT | 6 | 1173 | 2506 | 4219 | 5092 | 7238 | 5092 | | | | 00230000 |
| ET | | | | | | | | | | | 00231000 |
| X1 | 8.94 | 18 | 195 | 285 | 760 | 1000 | 880 | | | | 00232000 |
| GR | 2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 00233000 |
| GR | 2484.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 00234000 |
| GR | 2479.4 | 250 | 2479.0 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 00235000 |
| GR | 2488.4 | 331 | 2489.0 | 450 | 2501.0 | 494 | | | | | 00236000 |
| X1 | 8.94 | | | 40 | 40 | 40 | | | | | 00237000 |
| ET | | | | | | | | | | | 00238000 |
| SB | 1.25 | 1.6 | 3 | 0 | 51.6 | 0 | 729.3 | 1.7 | 2486.5 | 2480.5 | 00239000 |
| X1 | 8.94 | 20 | 195 | 285 | 30 | 30 | 30 | | | | 00240000 |
| Y2 | | | | 1 | 2491.5 | 2492.0 | | | | | 00241000 |
| BT | 12 | 0 | 2505.0 | 0 | 0 | 2494.0 | 0 | 95 | 2492.5 | 0 | 00242000 |
| BT | 141 | 2492.0 | 0 | 197 | 2491.7 | 0 | 197 | 2495.5 | 0 | 285 | 00243000 |
| BT | 2493.5 | 0 | 285 | 2493.7 | 0 | 300 | 2493.6 | 0 | 400 | 2493.4 | 00244000 |
| BT | 0 | 500 | 2493.0 | 0 | 526 | 2501.0 | 0 | | | | 00245000 |
| GR | 2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 00246000 |
| GR | 2484.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 00247000 |
| GR | 2479.4 | 250 | 2479.0 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 00248000 |
| GR | 2488.4 | 331 | 2492.0 | 370 | 2492.0 | 405 | 2493.6 | 500 | 2501.0 | 526 | 00249000 |
| ET | | | | | | | | | | | 00250000 |
| X1 | 8.94 | | | 10 | 10 | 10 | | | | | 00251000 |
| NC | .10 | .07 | .055 | | | | | | | | 00252000 |
| QT | 6 | 1165 | 2530 | 4195 | 5060 | 7190 | 5060 | | | | 00253000 |
| ET | | | | | | | | | | | 00254000 |
| X1 | 9.10 | 19 | 130 | 210 | 840 | 900 | 840 | | | | 00255000 |
| GR | 2538.5 | 0 | 2512.2 | 40 | 2512.2 | 86 | 2502.0 | 118 | 2497.5 | 130 | 00256000 |
| GR | 2493.4 | 130 | 2492.2 | 155 | 2492.2 | 180 | 2493.4 | 193 | 2497.5 | 210 | 00257000 |
| GR | 2501.4 | 227 | 2501.0 | 241 | 2501.0 | 260 | 2503.5 | 284 | 2505.5 | 341 | 00258000 |
| GR | 2508.0 | 472 | 2512.0 | 637 | 2520.3 | 785 | 2528.0 | 880 | | | 00259000 |

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|----------|------|------|--------|------|--------|------|--------|-----|--------|----------|----------|
| NC | .12 | .12 | .065 | | | | | | | 00260000 | |
| QT | 6 | 1159 | 2518 | 4177 | 5036 | 7154 | 5036 | | | 00261000 | |
| ET | | | | | | | | | | 00262000 | |
| X1 | 9.22 | 12 | 250 | 323 | 640 | 640 | 640 | | | 00263000 | |
| GR2516.7 | | 150 | 2512.9 | 169 | 2509.7 | 189 | 2503.9 | 203 | 2502.3 | 250 | 00264000 |
| GR2500.1 | | 272 | 2500.7 | 322 | 2501.0 | 323 | 2508.9 | 337 | 2511.0 | 425 | 00265000 |
| GR2512.3 | | 537 | 2515.5 | 560 | | | | | | | 00266000 |

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|----------|------|------|--------|------|--------|------|--------|-----|--------|----------|----------|
| NC | .12 | .12 | .065 | | | | | | | 00267000 | |
| QT | 6 | 1154 | 2508 | 4162 | 5016 | 7124 | 5016 | | | 00268000 | |
| ET | | | | | | | | | | 00269000 | |
| X1 | 9.32 | 19 | 221 | 295 | 560 | 640 | 550 | | | 00270000 | |
| GR2522.9 | | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 00271000 |
| GR2511.0 | | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 00272000 |
| GR2505.7 | | 266 | 2506.0 | 295 | 2509.1 | 306 | 2520.6 | 324 | 2524.0 | 400 | 00273000 |
| GR2520.1 | | 475 | 2524.0 | 550 | 2527.0 | 629 | 2530.0 | 690 | | | 00274000 |

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|----------|------|-----|--------|-----|--------|-----|--------|-----|--------|----------|----------|
| ET | | | | | | | | | | 00276000 | |
| X1 | 9.33 | 18 | 221 | 295 | 50 | 50 | 50 | | | 00277000 | |
| GR2522.9 | | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 00278000 |
| GR2511.0 | | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 00279000 |
| GR2505.7 | | 266 | 2506.0 | 295 | 2509.1 | 306 | 2524.0 | 400 | 2520.1 | 495 | 00280000 |
| GR2520.1 | | 450 | 2527.0 | 629 | 2530.0 | 690 | | | | | 00281000 |

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|----------|------|------|--------|------|--------|------|--------|-----|--------|----------|----------|
| NC | .15 | .12 | .065 | | | | | | | 00282000 | |
| QT | 6 | 1140 | 2497 | 4146 | 4994 | 7091 | 4994 | | | 00283000 | |
| ET | | | | | | | | | | 00284000 | |
| X1 | 9.43 | 20 | 272 | 355 | 530 | 530 | 530 | | | 00285000 | |
| GR2529.4 | | 30 | 2529.4 | 40 | 2526.3 | 55 | 2526.5 | 155 | 2522.2 | 174 | 00286000 |
| GR2521.3 | | 225 | 2527.9 | 231 | 2530.0 | 250 | 2514.3 | 272 | 2513.3 | 274 | 00287000 |
| GR2513.7 | | 300 | 2515.6 | 355 | 2528.9 | 371 | 2528.3 | 439 | 2527.6 | 446 | 00288000 |
| GR2530.9 | | 454 | 2534.6 | 545 | 2535.2 | 640 | 2533.2 | 734 | 2535.1 | 747 | 00289000 |

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|----------|------|------|--------|------|--------|------|--------|------|--------|----------|----------|
| ET | | | | | | | | | | 00291000 | |
| X1 | 9.67 | 25 | 548 | 605 | 1160 | 1160 | 1160 | | | 00292000 | |
| GR2595.2 | | 0 | 2560.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 00293000 |
| GR2557.8 | | 439 | 2557.8 | 446 | 2554.6 | 447 | 2559.6 | 487 | 2552.2 | 548 | 00294000 |
| GR2546.0 | | 549 | 2546.0 | 600 | 2552.5 | 605 | 2562.4 | 615 | 2564.4 | 626 | 00295000 |
| GR2562.7 | | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 00296000 |
| GR2560.7 | | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 00297000 |

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|----------|------|------|--------|------|--------|------|--------|------|--------|----------|----------|
| ET | | | | | | | | | | 00298000 | |
| X1 | 9.67 | 25 | 510 | 610 | 30 | 30 | 30 | | | 00299000 | |
| GR2595.2 | | 0 | 2560.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 00300000 |
| GR2557.8 | | 439 | 2557.8 | 446 | 2554.6 | 447 | 2559.6 | 487 | 2554.7 | 510 | 00301000 |
| GR2556.4 | | 511 | 2556.4 | 509 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 00302000 |
| GR2562.7 | | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 00303000 |
| GR2560.7 | | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 00304000 |

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|----------|------|------|--------|------|--------|------|--------|------|--------|----------|----------|
| ET | | | | | | | | | | 00305000 | |
| X1 | 9.67 | 25 | 525 | 610 | 30 | 30 | 30 | | | 00306000 | |
| GR2595.2 | | 0 | 2560.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 00307000 |
| GR2557.8 | | 439 | 2557.8 | 446 | 2554.6 | 447 | 2559.6 | 487 | 2554.7 | 525 | 00308000 |
| GR2554.0 | | 530 | 2554.0 | 607 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 00309000 |
| GR2562.7 | | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 00310000 |
| GR2560.7 | | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 00311000 |

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|----|-----|-----|------|--|--|--|--|--|--|----------|
| NC | .15 | .12 | .065 | | | | | | | 00312000 |
| ET | | | | | | | | | | 00314000 |

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|----------|-------|--------|-----------------------|--------|--------|----------------|--------|--------------------|----------------|
| X1 | 9.82 | 18 | 300 | 380 | 740 | 740 | 740 | | 00315000 |
| GR2578.4 | | 38 | 2578.3 | 49 | 2572.0 | 66 | 2572.0 | 122 2574.0 | 127 00316000 |
| GR2573.9 | | 175 | 2576.9 | 202 | 2577.1 | 264 | 2573.0 | 287 2573.8 | 300 00317000 |
| GR2570.0 | | 309 | 2569.6 | 320 | 2569.6 | 359 | 2573.8 | 380 2577.6 | 423 00318000 |
| GR2577.2 | | 440 | 2579.0 | 453 | 2579.3 | 465 | | | 00319000 |
| MC | .15 | .15 | .065 | | | | | | 00320000 |
| E1 | | | | | | | | | 00322000 |
| X1 | 9.94 | 14 | 265 | 340 | 630 | 630 | 630 | | 00323000 |
| GR2595.9 | | 50 | 2595.9 | 61 | 2591.5 | 81 | 2587.0 | 95 2587.0 | 120 00324000 |
| GR2586.9 | | 124 | 2588.5 | 204 | 2586.4 | 218 | 2589.3 | 225 2588.9 | 265 00325000 |
| GR2580.0 | | 300 | 2583.7 | 340 | 2591.1 | 360 | 2595.0 | 375 | 00326000 |
| DT | 6 | 1118 | 2435 | 4053 | 4870 | 6905 | 4870 | | 00327000 |
| ET | | | | | | | | | 00328000 |
| X1 | 10.05 | 13 | 145 | 200 | 530 | 530 | 530 | | 00329000 |
| GR2616.4 | | 60 | 2612.2 | 86 | 2612.2 | 95 | 2600.4 | 140 2597.2 | 145 00330000 |
| GR2592.9 | | 151 | 2591.2 | 161 | 2591.2 | 175 | 2599.1 | 209 2604.2 | 274 00331000 |
| GR2606.0 | | 376 | 2604.2 | 464 | 2612.4 | 565 | | | 00332000 |
| X1 | 10.05 | | | 40 | 40 | 40 | | | 00333000 |
| SB | 1.25 | 1.6 | 3 | 0 | 55.9 | 8 | 755.4 | 1.25 2591.2 2591.2 | 00334000 |
| X1 | 10.05 | | | 30 | 30 | 30 | | | 00335000 |
| X2 | | | 1 2603.2 | 2605.7 | | | | | 00336000 |
| BT | 12 | 60 | 2616.4 | 0 | 86 | 2612.2 | 10 | 99 2612.2 | 0 00337000 |
| BT | 120 | 2606.9 | 0 | 135 | 2605.7 | 0 | 135 | 2607.2 | 0 219 00338000 |
| BT | 0 | 219 | 2606.1 | 0 | 235 | 2606.4 | 0 | 290 2606.9 | 00339000 |
| BT | 0 | 407 | 2607.2 | 0 | 565 | 2612.4 | 0 | | 00340000 |
| X1 | 10.05 | | | 10 | 10 | 10 | | | 00341000 |
| DT | 6 | 1100 | 2400 | 4000 | 4800 | 6800 | 4800 | | 00342000 |
| E1 | | | | | | | | | 00343000 |
| X1 | 10.36 | 24 | 509 | 579 | 1640 | 1640 | 1640 | | 00344000 |
| GR2690.1 | | 0 | 2657.3 | 52 | 2644.4 | 137 | 2642.4 | 170 2639.0 | 231 00345000 |
| GR2642.0 | | 401 | 2645.1 | 457 | 2645.0 | 470 | 2644.9 | 482 2634.0 | 509 00346000 |
| GR2632.4 | | 509 | 2632.4 | 544 | 2634.2 | 544 | 2635.4 | 547 2635.4 | 558 00347000 |
| GR2634.2 | | 560 | 2632.3 | 560 | 2632.3 | 579 | 2634.2 | 579 2642.3 | 606 00348000 |
| GR2652.7 | | 638 | 2653.8 | 702 | 2661.0 | 822 | 2695.1 | 888 | 00349000 |
| EJ | | | | | | | | | 00350000 |
| T1 | | | CHEROKEE INDIAN LANDS | | | DSN=RAVENFK1 | | | 00356000 |
| T2 | | | 50-YEAR FLOOD | | | H011270 JHN | | | 00357000 |
| T3 | | | RAVEN FORK | | | FLOOD PROFILES | | | 00358000 |
| J1 | | | 4 | | | | 2301.1 | | 00359000 |
| J2 | 2 | | -1 | | | | | | 00360000 |
| T1 | | | CHEROKEE INDIAN LANDS | | | DSN=RAVENFK1 | | | 00361000 |
| T2 | | | 100-YEAR FLOOD | | | H011270 JHN | | | 00362000 |
| T3 | | | RAVEN FORK | | | FLOOD PROFILES | | | 00363000 |
| J1 | | | 5 | | | | 2302.1 | | 00364000 |
| J2 | 3 | | -1 | | | | | | 00365000 |
| T1 | | | CHEROKEE INDIAN LANDS | | | DSN=RAVENFK1 | | | 00366000 |
| T2 | | | 500-YEAR FLOOD | | | H011270 JHN | | | 00367000 |
| T3 | | | RAVEN FORK | | | FLOOD PROFILES | | | 00368000 |
| J1 | | | 6 | | | | 2303.6 | | 00369000 |
| J2 | 15 | | -1 | | | | | | 00370000 |
| | | | | | | | | | 00371000 |

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|----------|-----------------------|--------|--------|--------|--------|--------|----------------|--------|--------|----------|----------|
| T1 | CHEROKEE INDIAN LANDS | | | | | | DSN=RAVNEK | | | | 00001000 |
| T2 | 10-YEAR FLOOD | | | | | | H011270 JHN | | | | 00002000 |
| T3 | PAVEN FORK | | | | | | FLOOD PROFILES | | | | 00003000 |
| J1 | | | | .00729 | | | | 2025 | | | 00004000 |
| J2 | | | | -1 | | | | | | | 00005000 |
| J3 | 150 | | 160 | | | | | | | | 00006000 |
| J6 | 1 | | | | | | | | | | 00007000 |
| NC | | | | .1 | .5 | | | | | | 00008000 |
| NI | .5 | .06 | .06 | .13 | .768 | .05 | .857 | .13 | 1006 | .06 | 00009000 |
| NI | 1650 | | | | | | | | | | 00010000 |
| Q1 | | 2800 | 5700 | 9100 | 10900 | 15000 | 10900 | | | | 00011000 |
| F1 | | | | | | | | | | | 00012000 |
| X1 | 0.21 | 27 | 768 | 857 | | | | | | | 00013000 |
| GR2031.4 | | 0 | 2024.4 | 50 | 2025.0 | 228 | 2025.0 | 250 | 2026.7 | 406 | 00014000 |
| GR2025.1 | | 606 | 2026.9 | 706 | 2026.2 | 747 | 2019.5 | 768 | 2016.8 | 769 | 00015000 |
| GR2014.9 | | 777 | 2014.6 | 808 | 2014.9 | 830 | 2015.2 | 840 | 2016.5 | 850 | 00016000 |
| GR2018.9 | | 850 | 2020.9 | 857 | 2023.5 | 869 | 2024.9 | 892 | 2023.2 | 907 | 00017000 |
| GR2022.6 | | 921 | 2024.1 | 1006 | 2022.6 | 1107 | 2023.3 | 1209 | 2026.1 | 1406 | 00018000 |
| GR2027.6 | | 1490 | 2028.6 | 1650 | | | | | | | 00019000 |
| X1 | 0.21 | | | 40 | 40 | 40 | | | | | 00020000 |
| Y1 | 0.21 | 35 | 768 | 857 | 1 | 1 | 1 | | | | 00021000 |
| RT | 16 | 598 | 2028.2 | 0 | 754 | 2020.1 | 0 | 754 | 2032.8 | 0 | 00022000 |
| RT | 768 | 2033.7 | 0 | 768 | 2033.7 | 2020.0 | 770 | 2033.8 | 2023.5 | 773 | 00023000 |
| RT2033.9 | 2025.9 | 789 | 2034.4 | 2027.3 | 810 | 2034.9 | 2028.4 | 830 | 2034.8 | 00024000 | |
| RT2027.2 | 850 | 2034.1 | 2027.5 | 857 | 2033.6 | 2020.9 | 857 | 2033.6 | 0 | 00025000 | |
| RT | 861 | 2033.3 | 0 | 861 | 2030.2 | 0 | 916 | 2027.8 | 0 | 00026000 | |
| GR2031.4 | | 0 | 2029.4 | 50 | 2027.8 | 150 | 2027.7 | 250 | 2028.3 | 350 | 00027000 |
| GR2028.2 | | 450 | 2027.6 | 550 | 2027.7 | 606 | 2027.8 | 653 | 2028.2 | 694 | 00028000 |
| GR2030.1 | | 750 | 2033.7 | 768 | 2019.5 | 768 | 2016.7 | 770 | 2017.7 | 773 | 00029000 |
| GR2013.4 | | 780 | 2013.9 | 800 | 2014.8 | 810 | 2015.3 | 830 | 2015.5 | 840 | 00030000 |
| GR2016.0 | | 840 | 2016.5 | 850 | 2018.9 | 850 | 2020.9 | 857 | 2033.6 | 857 | 00031000 |
| GR2023.3 | | 901 | 2030.1 | 961 | 2027.3 | 916 | 2026.8 | 951 | 2026.0 | 1006 | 00032000 |
| GR2025.3 | | 1052 | 2025.3 | 1152 | 2026.9 | 1360 | 2028.3 | 1550 | 2026.6 | 1650 | 00033000 |
| F1 | | | | | | | | | | | 00034000 |
| Y1 | 0.21 | | | 30 | 30 | 30 | | | | | 00035000 |
| Y2 | | | | | | | | | | | 00036000 |
| NI | .5 | .06 | .06 | .13 | .768 | .05 | .857 | .13 | 1006 | .13 | 00037000 |
| NI | 1650 | | | | | | | | | | 00038000 |
| F1 | | | | | | | | | | | 00039000 |
| X1 | 0.21 | 27 | 768 | 857 | 1 | 1 | 1 | | | | 00040000 |
| GR2031.4 | | 0 | 2024.4 | 50 | 2025.0 | 228 | 2025.0 | 250 | 2026.7 | 406 | 00041000 |
| GR2025.1 | | 606 | 2026.9 | 706 | 2026.2 | 747 | 2019.5 | 768 | 2016.8 | 769 | 00042000 |
| GR2014.9 | | 777 | 2014.6 | 808 | 2014.9 | 830 | 2015.2 | 840 | 2016.5 | 850 | 00043000 |
| GR2018.9 | | 850 | 2020.9 | 857 | 2023.5 | 869 | 2024.9 | 892 | 2023.2 | 907 | 00044000 |
| GR2022.6 | | 921 | 2024.1 | 1006 | 2022.6 | 1107 | 2023.3 | 1209 | 2026.1 | 1406 | 00045000 |
| GR2027.6 | | 1490 | 2028.6 | 1650 | | | | | | | 00046000 |
| NI | .5 | .06 | .06 | .13 | .768 | .05 | .857 | .13 | 1107 | .30 | 00047000 |
| NI | 1650 | | | | | | | | | | 00048000 |
| Y1 | 0.21 | | | 40 | 40 | 40 | | | | | 00049000 |
| X1 | .49 | | | 930 | 930 | 930 | | | | | 00050000 |
| NC | .13 | .13 | .05 | | | | | | | | 00051000 |
| F1 | | | | | | | | | | | 00053000 |

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|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|
| X1 | 0.56 | 31 | 409 | 515 | 700 | 830 | 830 | | | 00054000 | | |
| GR2054.0 | | 0 | 2042.2 | 17 | 2041.2 | 55 | 2040.0 | 76 | 2041.7 | 82 | 00055000 | |
| GR2046.7 | | 103 | 2040.1 | 109 | 2041.9 | 118 | 2040.4 | 143 | 2039.7 | 255 | 00056000 | |
| GR2039.9 | | 323 | 2005.6 | 343 | 2044.8 | 360 | 2035.5 | 383 | 2032.7 | 409 | 00057000 | |
| GR2029.5 | | 417 | 2029.0 | 417 | 2027.5 | 425 | 2027.4 | 435 | 2027.3 | 450 | 00058000 | |
| GR2028.1 | | 495 | 2029.0 | 502 | 2029.6 | 502 | 2037.0 | 515 | 2037.5 | 535 | 00059000 | |
| GR2042.4 | | 546 | 2042.1 | 555 | 2043.4 | 755 | 2047.0 | 835 | 2052.4 | 935 | 00060000 | |
| GR2057.0 | | 991 | | | | | | | | | 00061000 | |
| NC | .13 | .12 | .06 | | | | | | | | 00062000 | |
| FI | | | | | | | | | | | 00064000 | |
| X1 | 0.60 | 27 | 433 | 541 | 55 | 210 | 150 | | | | 00065000 | |
| GR2055.0 | | 305 | 2052.9 | 327 | 2048.9 | 340 | 2047.5 | 383 | 2037.1 | 411 | 00066000 | |
| GR2034.7 | | 433 | 2032.5 | 434 | 2031.1 | 439 | 2030.9 | 455 | 2031.2 | 485 | 00067000 | |
| GR2031.0 | | 500 | 2031.5 | 515 | 2032.3 | 524 | 2033.0 | 524 | 2038.1 | 541 | 00068000 | |
| GR2037.4 | | 569 | 2042.6 | 589 | 2042.6 | 605 | 2043.6 | 700 | 2044.9 | 793 | 00069000 | |
| GR2044.7 | | 809 | 2044.0 | 811 | 2044.9 | 817 | 2047.1 | 850 | 2048.4 | 950 | 00070000 | |
| GR2052.2 | | 1050 | 2055.0 | 1064 | | | | | | | 00071000 | |
| FI | | | | | | | | | | | 00072000 | |
| X1 | 0.60 | | | 40 | 40 | 40 | | | | | 00073000 | |
| X3 | 10 | | | | | | 2035.0 | 2044.0 | | | 00074000 | |
| GR | 1.25 | 1.6 | 3 | 0 | 101 | 4 | 1248 | 1.5 | 2031.1 | 2031.1 | 00075000 | |
| FI | | | | | | | | | | | 00076000 | |
| X1 | 0.60 | 30 | 433 | 540 | 30 | 30 | 30 | | | | 00077000 | |
| X2 | | | 1 | 2042.1 | 2046.5 | | | | | | 00078000 | |
| X3 | 10 | | | | | | 2035.0 | 2046.5 | | | 00079000 | |
| BT | 18 | 305 | 2055.0 | 0 | 327 | 2052.9 | 0 | 340 | 2048.9 | 0 | 00080000 | |
| BT | 383 | 2047.5 | 0 | 406 | 2047.5 | 0 | 406 | 2047.5 | 2046.8 | 540 | 00081000 | |
| BT | 540 | 2048.2 | 2042.0 | 540 | 2048.2 | 0 | 545 | 2048.2 | 0 | 545 | 2048.2 | 00082000 |
| BT | 0 | 609 | 2048.6 | 0 | 609 | 2046.6 | 0 | 700 | 2047.5 | 0 | 00083000 | |
| BT | 800 | 2048.0 | 0 | 910 | 2047.9 | 0 | 950 | 2048.4 | 0 | 1050 | 00084000 | |
| BT | 2052.2 | 0 | 1084 | 2055.0 | 0 | | | | | | 00085000 | |
| GR2055.0 | | 305 | 2052.9 | 327 | 2046.9 | 340 | 2047.5 | 383 | 2039.0 | 406 | 00086000 | |
| GR2037.1 | | 411 | 2034.7 | 433 | 2032.5 | 434 | 2031.1 | 439 | 2030.9 | 455 | 00087000 | |
| GR2031.2 | | 485 | 2031.0 | 500 | 2031.3 | 515 | 2032.3 | 524 | 2033.0 | 524 | 00088000 | |
| GR2038.1 | | 540 | 2038.0 | 585 | 2037.4 | 569 | 2042.6 | 589 | 2042.6 | 609 | 00089000 | |
| GR2043.5 | | 700 | 2044.9 | 793 | 2044.7 | 800 | 2044.0 | 811 | 2044.9 | 817 | 00090000 | |
| GR2047.1 | | 950 | 2047.9 | 910 | 2048.4 | 950 | 2052.2 | 1050 | 2055.0 | 1084 | 00091000 | |
| FI | | | | | | | | | | | 00092000 | |
| X1 | 0.60 | | | 10 | 10 | 10 | | | | | 00093000 | |
| NC | .13 | .13 | .06 | | | | | | | | 00094000 | |
| FI | | | | | | | | | | | 00096000 | |
| X1 | 0.60 | 21 | 250 | 330 | 1150 | 1020 | 1090 | | | | 00097000 | |
| GR2068.0 | | 192 | 2060.0 | 201 | 2060.0 | 210 | 2056.0 | 222 | 2052.0 | 232 | 00098000 | |
| GR2048.0 | | 240 | 2040.0 | 250 | 2034.6 | 257 | 2039.1 | 280 | 2036.0 | 260 | 00099000 | |
| GR2038.0 | | 266 | 2038.0 | 310 | 2038.4 | 315 | 2035.9 | 315 | 2039.4 | 322 | 00100000 | |
| GR2040.0 | | 330 | 2044.0 | 336 | 2052.0 | 342 | 2056.0 | 352 | 2060.0 | 365 | 00101000 | |
| GR2080.0 | | 372 | | | | | | | | | 00102000 | |
| NC | .13 | .13 | .06 | | | | | | | | 00103000 | |
| FI | | | | | | | | | | | 00104000 | |
| X1 | 0.60 | 54 | 251 | 320 | 760 | 760 | 760 | | | | 00105000 | |
| GR2064.1 | | 0 | 2060.5 | 20 | 2050.5 | 58 | 2057.1 | 128 | 2056.0 | 228 | 00107000 | |
| GR2045.9 | | 251 | 2044.6 | 250 | 2043.4 | 259 | 2042.5 | 259 | 2042.0 | 262 | 00108000 | |
| GR2041.7 | | 270 | 2041.5 | 280 | 2041.5 | 290 | 2042.0 | 310 | 2042.8 | 315 | 00109000 | |

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|----------|------|--------|------|--------|-------|--------|-----|--------|-----|---------|
| GR2043.5 | 315 | 2045.6 | 320 | 2047.4 | 327 | 2048.5 | 347 | 2049.2 | 372 | 0011000 |
| GR2051.9 | 396 | 2057.1 | 409 | 2056.2 | 415 | 2056.4 | 427 | 2057.9 | 430 | 0011100 |
| GR2056.6 | 467 | 2057.5 | 475 | 2050.5 | 487 | 2060.7 | 492 | 2060.0 | 512 | 0011200 |
| GR2057.9 | 520 | 2059.7 | 525 | 2060.7 | 537 | 2065.5 | 546 | | 546 | 0011300 |
| NC .12 | .13 | .06 | | | | | | | | 0011400 |
| QT 6 | 2800 | 5610 | 9010 | 10810 | 14810 | 10810 | | | | 0011500 |
| ET | | | | | | | | | | 0011600 |
| X1 1.42 | 21 | 35 | 104 | 2560 | 2440 | 2720 | | | | 0011700 |
| GR2091.5 | 0 | 2068.0 | 35 | 2067.0 | 35 | 2065.1 | 41 | 2065.5 | 50 | 0011800 |
| GR2045.9 | 71 | 2045.9 | 85 | 2046.1 | 96 | 2047.5 | 101 | 2049.9 | 104 | 0011900 |
| GR2074.5 | 132 | 2074.6 | 146 | 2080.9 | 176 | 2080.0 | 184 | 2081.6 | 199 | 0012000 |
| GR2082.0 | 209 | 2080.5 | 215 | 2080.9 | 232 | 2082.4 | 254 | 2088.0 | 274 | 0012100 |
| GR2092.0 | 286 | | | | | | | | | 0012200 |
| NC .10 | .10 | .06 | | | | | | | | 0012300 |
| ET | | | | | | | | | | 0012500 |
| X1 1.64 | 26 | 107 | 201 | 1280 | 1280 | 1280 | | | | 0012600 |
| GR2112.2 | 0 | 2108.5 | 11 | 2100.7 | 25 | 2097.0 | 90 | 2093.9 | 127 | 0012700 |
| GR2090.5 | 137 | 2090.6 | 147 | 2049.6 | 147 | 2088.5 | 153 | 2088.9 | 167 | 0012800 |
| GR2089.4 | 174 | 2089.1 | 183 | 2087.9 | 189 | 2088.0 | 195 | 2090.1 | 201 | 0012900 |
| GR2103.7 | 216 | 2103.4 | 234 | 2103.2 | 237 | 2108.5 | 241 | 2113.5 | 246 | 0013000 |
| NC .12 | .12 | .065 | | | | | | | | 0014000 |
| QT 6 | 2710 | 5550 | 8920 | 10700 | 14670 | 10700 | | | | 0014100 |
| ET | | | | | | | | | | 0014200 |
| X1 2.20 | 18 | 94 | 160 | 2600 | 2160 | 2360 | | | | 0014300 |
| GR2148.6 | 0 | 2143.0 | 14 | 2139.0 | 21 | 2135.6 | 31 | 2125.5 | 44 | 0014400 |
| GR2124.0 | 96 | 2122.5 | 101 | 2121.8 | 106 | 2121.5 | 120 | 2121.9 | 136 | 0014500 |
| GR2122.0 | 145 | 2123.0 | 156 | 2123.9 | 159 | 2125.0 | 160 | 2138.7 | 169 | 0014600 |
| GR2138.4 | 160 | 2138.5 | 290 | 2148.5 | 313 | | | | | 0014700 |
| NC .14 | .12 | .055 | | | | | | | | 0014800 |
| ET | | | | | | | | | | 0015000 |
| X1 2.52 | 26 | 434 | 308 | 1640 | 1800 | 1800 | | | | 0015100 |
| GR2175.0 | 0 | 2168.1 | 1 | 2156.5 | 19 | 2155.1 | 20 | 2153.3 | 30 | 0015200 |
| GR2154.1 | 30 | 2151.9 | 41 | 2150.5 | 66 | 2152.7 | 166 | 2152.7 | 186 | 0015300 |
| GR2181.0 | 222 | 2153.7 | 244 | 2153.0 | 271 | 2151.4 | 306 | 2148.7 | 327 | 0015400 |
| GR2189.5 | 344 | 2144.4 | 344 | 2144.1 | 341 | 2143.0 | 351 | 2143.0 | 361 | 0015500 |
| GR2142.5 | 371 | 2142.2 | 371 | 2143.6 | 388 | 2145.0 | 388 | 2150.1 | 396 | 0015600 |
| GR2169.0 | 410 | | | | | | | | | 0015700 |
| NC .13 | .10 | .053 | | | | | | | | 0015800 |
| QT 6 | 2740 | 5530 | 8870 | 10630 | 14600 | 10630 | | | | 0015900 |
| ET | | | | | | | | | | 0016000 |
| X1 2.62 | 24 | 112 | 177 | 440 | 560 | 540 | | | | 0016100 |
| GR2174.0 | 0 | 2160.5 | 10 | 2162.3 | 14 | 2163.0 | 39 | 2162.5 | 78 | 0016200 |
| GR2161.1 | 101 | 2150.5 | 112 | 2147.4 | 115 | 2146.9 | 120 | 2146.0 | 159 | 0016300 |
| GR2166.9 | 141 | 2146.2 | 154 | 2146.8 | 167 | 2144.5 | 174 | 2150.5 | 177 | 0016400 |
| GR2155.0 | 195 | 2156.4 | 210 | 2150.6 | 215 | 2157.2 | 219 | 2158.5 | 225 | 0016500 |
| GR2158.4 | 240 | 2158.3 | 245 | 2144.3 | 246 | 2148.0 | 385 | | | 0016600 |

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|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| X1 | 2.62 | | | 40 | 40 | 40 | | | | 00167000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 78.8 | 2 | 902 | .87 | 2146.8 | 2146.8 | 00168000 |
| FT | | | | | | | | | | | 00169000 |
| X1 | 2.62 | | | 30 | 30 | 30 | | | | | 00170000 |
| X2 | | | 1 | 2157.3 | 2158.3 | | | | | | 00171000 |
| BT | 13 | 5 | 2174.0 | 0 | 15 | 2165.5 | 0 | 25 | 2160.2 | 0 | 00172000 |
| BT | 27 | 2160.4 | 0 | 65 | 2160.4 | 0 | 93 | 2160.0 | 0 | 93 | 00173000 |
| BT | 2162.2 | 0 | 192 | 2162.2 | 0 | 192 | 2160.1 | 0 | 224 | 2158.4 | 00174000 |
| BT | 0 | 292 | 2158.3 | 0 | 362 | 2164.4 | 0 | 385 | 2168.7 | 0 | 00175000 |
| Y1 | 2.62 | | | 10 | 10 | 10 | | | | | 00176000 |
| NC | .12 | .10 | .06 | | | | | | | | 00177000 |
| FT | | | | | | | | | | | 00179000 |
| Y1 | 2.86 | 14 | 70 | 155 | 1250 | 1180 | 1210 | | | | 00180000 |
| GR2201.2 | 0 | 2184.9 | 30 | 2184.5 | 46 | 2164.5 | 70 | 2161.6 | 74 | | 00181000 |
| GR2159.3 | 91 | 2159.3 | 114 | 2161.5 | 136 | 2164.9 | 155 | 2165.8 | 160 | | 00182000 |
| GR2169.9 | 214 | 2169.9 | 245 | 2169.6 | 297 | 2193.5 | 346 | | | | 00183000 |
| NC | .10 | .10 | .06 | | | | | | | | 00184000 |
| BT | 6 | 2720 | 5490 | 8810 | 10560 | 14500 | 10560 | | | | 00185000 |
| FT | | | | | | | | | | | 00186000 |
| X1 | 3.11 | 16 | 125 | 203 | 1440 | 1040 | 1300 | | | | 00187000 |
| GR2200.8 | 0 | 2196.3 | 16 | 2191.4 | 50 | 2182.1 | 80 | 2181.8 | 91 | | 00188000 |
| GR2171.5 | 125 | 2169.8 | 132 | 2168.0 | 153 | 2168.0 | 170 | 2169.8 | 198 | | 00189000 |
| GR2172.0 | 203 | 2174.0 | 222 | 2180.3 | 225 | 2180.3 | 249 | 2178.6 | 266 | | 00190000 |
| GR2200.3 | 327 | | | | | | | | | | 00191000 |
| NC | .12 | .08 | .06 | | | | | | | | 00192000 |
| FT | | | | | | | | | | | 00194000 |
| X1 | 3.36 | 20 | 90 | 214 | 1040 | 1280 | 1120 | | | | 00195000 |
| GR2205.4 | 0 | 2183.8 | 65 | 2183.4 | 82 | 2181.0 | 90 | 2178.4 | 100 | | 00196000 |
| GR2176.0 | 150 | 2176.0 | 176 | 2178.5 | 199 | 2183.4 | 214 | 2183.5 | 215 | | 00197000 |
| GR2187.1 | 231 | 2187.1 | 240 | 2186.7 | 292 | 2185.9 | 332 | 2186.9 | 345 | | 00198000 |
| GR2186.9 | 503 | 2185.9 | 553 | 2185.9 | 578 | 2184.8 | 591 | 2205.7 | 643 | | 00199000 |
| NH | 0 | .17 | 122 | .06 | 217 | .08 | 729 | .30 | 1239 | | 00200000 |
| BT | 6 | 2700 | 5466 | 8760 | 10490 | 14420 | 10490 | | | | 00201000 |
| FT | | | | | | | | | | | 00202000 |
| X1 | 3.56 | 26 | 122 | 217 | 800 | 1000 | 870 | | | | 00203000 |
| GR2221.0 | 0 | 2200.0 | 40 | 2193.0 | 74 | 2194.2 | 97 | 2192.5 | 108 | | 00204000 |
| GR2188.9 | 122 | 2187.6 | 122 | 2186.0 | 150 | 2187.7 | 184 | 2190.3 | 217 | | 00205000 |
| GR2190.3 | 245 | 2186.5 | 282 | 2186.5 | 282 | 2186.6 | 314 | 2188.8 | 384 | | 00206000 |
| GR2191.1 | 415 | 2189.5 | 540 | 2190.6 | 729 | 2191.7 | 763 | 2191.9 | 838 | | 00207000 |
| GR2191.6 | 949 | 2191.5 | 1087 | 2195.6 | 1107 | 2195.6 | 1128 | 2199.4 | 1170 | | 00208000 |
| GR2217.5 | 1239 | | | | | | | | | | 00209000 |
| NH | 0 | .20 | 237 | .10 | 470 | .055 | 646 | .08 | 950 | .20 | 00210000 |
| NH | 1396 | | | | | | | | | | 00210100 |
| FT | | | | | | | | | | | 00212000 |
| Y1 | 3.86 | 21 | 470 | 646 | 1000 | 1040 | 900 | | | | 00213000 |
| GR2236.5 | 0 | 2206.7 | 103 | 2205.5 | 237 | 2203.1 | 244 | 2203.1 | 300 | | 00214000 |
| GR2205.0 | 320 | 2205.4 | 378 | 2209.8 | 398 | 2204.0 | 415 | 2201.4 | 470 | | 00215000 |
| GR2195.0 | 470 | 2197.0 | 518 | 2197.0 | 583 | 2197.8 | 624 | 2204.4 | 646 | | 00216000 |
| GR2205.0 | 950 | 2207.3 | 1224 | 2211.0 | 1326 | 2211.0 | 1351 | 2211.4 | 1356 | | 00217000 |
| GR2253.0 | 1396 | | | | | | | | | | 00218000 |
| NC | .13 | .11 | .06 | | | | | | | | 00219000 |

| | | | | | | | | | | | | |
|----------|------|--------|--------|--------|--------|--------|--------|--------|----------|----------|----------|----------|
| QT | 6 | 2670 | 5430 | 8710 | 10420 | 14340 | 10420 | | 00220000 | | | |
| ET | | | | | | | | | 00221000 | | | |
| X1 | 4.00 | 17 | 100 | 197 | 320 | 800 | 520 | -2.0 | 00222000 | | | |
| GR2204.2 | 17 | 0 | 2220.1 | 44 | 2221.4 | 54 | 2221.4 | 74 | 2218.1 | 91 | 00223000 | |
| GR2210.0 | 100 | 2206.7 | 105 | 2206.5 | 105 | 2205.0 | 140 | 2205.0 | 155 | 00224000 | | |
| GR2206.0 | 190 | 2209.5 | 197 | 2212.0 | 245 | 2214.0 | 350 | 2227.6 | 390 | 00225000 | | |
| GR2226.5 | 412 | 2205.0 | 440 | | | | | | | 00226000 | | |
| X1 | 4.00 | 17 | 100 | 197 | 500 | 500 | 500 | 2.0 | 00226100 | | | |
| GR2204.2 | 0 | 2220.1 | 44 | 2221.4 | 54 | 2221.4 | 74 | 2218.1 | 91 | 00226200 | | |
| GR2210.0 | 100 | 2206.7 | 105 | 2206.5 | 105 | 2205.0 | 140 | 2205.0 | 155 | 00226300 | | |
| GR2206.0 | 190 | 2210.0 | 197 | 2214.4 | 205 | 2216.1 | 365 | 2227.6 | 390 | 00226400 | | |
| GR2226.5 | 412 | 2205.0 | 440 | | | | | | | 00226500 | | |
| NC | .18 | .12 | .05 | | | | | | | 00227000 | | |
| ET | | | | | | | | | | 00229000 | | |
| Y1 | 4.25 | 28 | 185 | 276 | 880 | 600 | 760 | | | 00230000 | | |
| GR2235.4 | 0 | 2221.3 | 27 | 2219.5 | 40 | 2217.7 | 61 | 2218.6 | 76 | 00231000 | | |
| GR2219.6 | 98 | 2221.4 | 110 | 2222.9 | 140 | 2223.0 | 155 | 2222.4 | 174 | 00232000 | | |
| GR2214.5 | 185 | 2213.2 | 192 | 2213.4 | 205 | 2213.9 | 215 | 2213.9 | 245 | 00233000 | | |
| GR2213.5 | 255 | 2213.7 | 260 | 2213.2 | 266 | 2214.0 | 273 | 2215.0 | 276 | 00234000 | | |
| GR2216.0 | 245 | 2223.6 | 295 | 2225.3 | 310 | 2226.5 | 316 | 2225.1 | 338 | 00235000 | | |
| GR2223.9 | 341 | 2225.0 | 345 | 2235.0 | 360 | | | | | 00236000 | | |
| NC | .05 | .05 | .05 | | | | | | | 00236100 | | |
| ET | | | | | | | | | | 00237000 | | |
| X1 | 4.25 | | | 40 | 40 | 40 | | | | 00238000 | | |
| ET | | | | | | | | | | 00239000 | | |
| Y1 | 4.25 | 50 | 186 | 270 | 1 | 1 | 1 | | | 00240000 | | |
| BT | 10 | 154 | 2224.4 | 0 | 184 | 2225.8 | 0 | 184 | 2227.2 | 0 | 00241000 | |
| BT | 186 | 2227.2 | 0 | 186 | 2227.2 | 2223.0 | 274 | 2227.9 | 2223.0 | 274 | 00242000 | |
| BT | 0 | 0 | 275 | 2227.0 | 0 | 275 | 2225.7 | 0 | 0 | 311 | 2225.4 | 00243000 |
| BT | 0 | | | | | | | | | | | 00244000 |
| GR2235.4 | 12 | 2221.0 | 25 | 2224.5 | 32 | 2219.4 | 40 | 2219.6 | 75 | 00245000 | | |
| GR2224.4 | 154 | 2225.8 | 184 | 2225.8 | 186 | 2213.6 | 186 | 2212.9 | 200 | 00246000 | | |
| GR2213.1 | 210 | 2213.6 | 220 | 2214.1 | 229 | 2223.0 | 229 | 2223.0 | 231 | 00247000 | | |
| GR2213.9 | 231 | 2213.2 | 240 | 2213.0 | 250 | 2213.3 | 257 | 2212.8 | 267 | 00248000 | | |
| GR2213.7 | 274 | 2225.7 | 274 | 2225.7 | 275 | 2225.4 | 311 | 2226.5 | 316 | 00249000 | | |
| GR2225.1 | 338 | 2224.5 | 338 | 2224.3 | 343 | 2225.0 | 345 | 2235.0 | 360 | 00250000 | | |
| ET | | | | | | | | | | 00251000 | | |
| Y1 | 4.25 | | | 30 | 30 | 30 | | | | 00252000 | | |
| Y2 | | | | | | | | | | 00253000 | | |
| Y1 | 4.25 | 28 | 185 | 276 | 1 | 1 | 1 | | | 00255000 | | |
| GR2235.4 | 0 | 2221.3 | 27 | 2219.5 | 40 | 2217.7 | 61 | 2218.6 | 76 | 00256000 | | |
| GR2219.6 | 98 | 2221.4 | 110 | 2222.9 | 140 | 2223.0 | 155 | 2222.4 | 174 | 00257000 | | |
| GR2214.5 | 185 | 2213.2 | 192 | 2213.4 | 205 | 2213.9 | 215 | 2213.9 | 245 | 00258000 | | |
| GR2213.5 | 255 | 2213.7 | 260 | 2213.2 | 266 | 2214.0 | 273 | 2215.0 | 276 | 00259000 | | |
| GR2216.0 | 245 | 2223.6 | 295 | 2225.3 | 310 | 2226.5 | 316 | 2225.1 | 338 | 00260000 | | |
| GR2223.9 | 341 | 2225.0 | 345 | 2235.0 | 360 | | | | | 00261000 | | |
| NC | .10 | .12 | .05 | | | | | | | 00261100 | | |
| ET | | | | | | | | | | 00262000 | | |
| X1 | 4.25 | | | 20 | 20 | 20 | | | | 00263000 | | |
| NC | .15 | .10 | .05 | | | | | | | 00264000 | | |
| QT | 6 | 2630 | 5390 | 8640 | 10330 | 14230 | 10330 | | | 00265000 | | |
| ET | | | | | | | | | | 00266000 | | |

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|-----------|------|------|--------|------|--------|-------|-------|--------|-----|--------|-----|----------|
| X1 | 4.56 | 16 | 87 | 164 | 1600 | 1600 | 1600 | | | | | 00267000 |
| GR2269.3 | | 0 | 2225.5 | 87 | 2223.7 | | 91 | 2220.2 | 100 | 2220.2 | 138 | 00268000 |
| GR2224.0 | | 162 | 2225.5 | 160 | 2230.0 | | 172 | 2239.0 | 221 | 2238.5 | 246 | 00269000 |
| GR2237.0 | | 249 | 2239.8 | 255 | 2238.8 | | 262 | 2241.2 | 340 | 2251.1 | 489 | 00270000 |
| GR2260.5 | | 580 | | | | | | | | | | 00271000 |
| NC | .13 | .13 | .05 | | | | | | | | | 00272000 |
| OT | 6 | 2640 | 5380 | 8620 | 10310 | 14200 | 10310 | | | | | 00273000 |
| ET | | | | | | | | | | | | 00274000 |
| X1 | 4.75 | 15 | 106 | 164 | 1000 | 970 | 1000 | | | | | 00275000 |
| GR2271.2 | | 0 | 2252.0 | 35 | 2252.0 | | 50 | 2244.7 | 95 | 2239.0 | 106 | 00276000 |
| GR2235.7 | | 112 | 2230.9 | 135 | 2230.9 | | 155 | 2235.7 | 177 | 2241.0 | 188 | 00277000 |
| GR2252.8 | | 197 | 2254.1 | 216 | 2253.2 | | 235 | 2252.4 | 239 | 2291.4 | 305 | 00278000 |
| Y1 | 4.85 | | | | 550 | 550 | 550 | | | | | 00278010 |
| Y1 | 5.05 | | | | 1020 | 1020 | 1020 | | 151 | | | 00278100 |
| NC | .12 | .10 | .055 | | | | | | | | | 00279000 |
| OT | 6 | 2610 | 5450 | 8560 | 10200 | 14110 | 10200 | | | | | 00280000 |
| ET | | | | | | | | | | | | 00281000 |
| X1 | 5.20 | 18 | 57 | 207 | 860 | 700 | 771 | | | | | 00282000 |
| GR2286.7 | | 0 | 2271.0 | 31 | 2271.0 | | 42 | 2261.5 | 57 | 2258.0 | 62 | 00283000 |
| GR2257.1 | | 92 | 2258.1 | 136 | 2261.1 | | 152 | 2261.1 | 162 | 2258.0 | 172 | 00284000 |
| GR2257.1 | | 194 | 2258.0 | 197 | 2261.5 | | 207 | 2265.9 | 219 | 2271.0 | 227 | 00285000 |
| GR2271.0 | | 254 | 2268.7 | 259 | 2320.0 | | 327 | | | | | 00286000 |
| NC | .15 | .12 | .06 | | | | | | | | | 00287000 |
| ET | | | | | | | | | | | | 00289000 |
| X1 | 5.41 | 18 | 115 | 226 | 1120 | 1120 | 1120 | | | | | 00290000 |
| GR2307.5 | | 0 | 2275.1 | 72 | 2275.1 | | 95 | 2268.9 | 115 | 2267.0 | 125 | 00291000 |
| GR2265.7 | | 155 | 2265.7 | 182 | 2266.9 | | 211 | 2268.7 | 226 | 2270.9 | 246 | 00292000 |
| GR2274.3 | | 311 | 2277.5 | 393 | 2274.1 | | 443 | 2276.4 | 469 | 2276.4 | 489 | 00293000 |
| GR2276.1 | | 650 | 2276.1 | 650 | 2305.0 | | 976 | | | | | 00294000 |
| NC | .15 | .10 | .045 | | | | | | | | | 00295000 |
| OT | 6 | 2590 | 5320 | 8560 | 10160 | 14020 | 10160 | | | | | 00296000 |
| ET | | | | | | | | | | | | 00297000 |
| X1 | 5.70 | 19 | 169 | 274 | 1160 | 1020 | 1500 | | | | | 00298000 |
| GR2319.2 | | 0 | 2291.6 | 72 | 2291.6 | | 95 | 2286.7 | 129 | 2283.8 | 169 | 00299000 |
| GR2281.7 | | 174 | 2290.2 | 220 | 2280.2 | | 228 | 2281.7 | 269 | 2283.9 | 274 | 00300000 |
| GR2289.3 | | 266 | 2290.1 | 293 | 2290.1 | | 312 | 2294.6 | 412 | 2310.3 | 514 | 00301000 |
| GR2312.8 | | 538 | 2312.8 | 550 | 2312.5 | | 566 | 2317.1 | 617 | | | 00302000 |
| NC | .15 | .06 | .045 | | | | | | | | | 00303000 |
| ET | | | | | | | | | | | | 00305000 |
| Y1 | 5.84 | 13 | 583 | 650 | 585 | 585 | 585 | | | | | 00306000 |
| GR2300.5 | | 67 | 2297.7 | 327 | 2297.0 | | 457 | 2295.4 | 498 | 2295.7 | 563 | 00308000 |
| GR2285.27 | | 591 | 2283.9 | 611 | 2283.9 | | 622 | 2285.7 | 637 | 2298.2 | 650 | 00309000 |
| GR2290.27 | | 678 | 2297.6 | 686 | 2347.2 | | 754 | | | | | 00310000 |
| NC | .12 | .10 | .045 | | | | | | | | | 00311000 |
| OT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | | | | | 00312000 |
| ET | | | | | | | | | | | | 00313000 |
| Y1 | 5.96 | 17 | 582 | 634 | 600 | 650 | 500 | | | | | 00314000 |
| GR2344.2 | | 0 | 2313.1 | 69 | 2305.3 | | 97 | 2308.2 | 140 | 2309.2 | 169 | 00315000 |
| GR2301.1 | | 254 | 2305.2 | 312 | 2303.9 | | 333 | 2295.1 | 352 | 2293.6 | 352 | 00316000 |
| GR2293.5 | | 430 | 2295.1 | 430 | 2301.0 | | 500 | 2304.6 | 528 | 2304.6 | 552 | 00317000 |
| GR2303.5 | | 556 | 2335.2 | 601 | | | | | | | | 00318000 |
| EJ | | | | | | | | | | | | 00319000 |

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00325000 |
| T2 | 50-YEAR FLOOD | H011270 JHN | 00326000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00327000 |
| J1 | 0 | 2025 | 00328000 |
| J2 | -1 | | 00329000 |

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00330000 |
| T2 | 100-YEAR FLOOD | H011270 JHN | 00331000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00332000 |
| J1 | 5 | 2025 | 00333000 |
| J2 | -1 | | 00334000 |

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00335000 |
| T2 | 500-YEAR FLOOD | H011270 JHN | 00336000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00337000 |
| J1 | 6 | 2025 | 00338000 |
| J2 | -1 | | 00339000 |
| | | | 00340000 |
| | | | 00341000 |
| | | | 00342000 |
| | | | 00343000 |

| | | | |
|----|--|--|----------|
| FR | | | 00344000 |
| | | | 00345000 |
| | | | 00346000 |
| | | | 00347000 |
| | | | 00348000 |
| | | | 00349000 |
| | | | 00350000 |

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00001000 |
| T2 | 10-YEAR FLOOD | H011270 JHN | 00002000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00003000 |

.210 - NOTE - NO CARD - NXL = .000 MAY NOT BE A REASONABLE VALUE

.210 - NOTE - NO CARD - XNP = .000 MAY NOT BE A REASONABLE VALUE

.210 - NOTE - NO CARD - XNCH = .000 MAY NOT BE A REASONABLE VALUE

.210 - NOTE - NO CARD - VALN = .300 MAY NOT BE A REASONABLE VALUE

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00325000 |
| T2 | 50-YEAR FLOOD | H011270 JHN | 00326000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00327000 |

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00330000 |
| T2 | 100-YEAR FLOOD | H011270 JHN | 00331000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00332000 |

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00335000 |
| T2 | 500-YEAR FLOOD | H011270 JHN | 00336000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00337000 |

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| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00001000 |
| T2 | 10-YEAR FLOOD | H011270 JHN | 00002000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00003000 |

.210 - NOTE - NC CARD - NXL = .000 MAY NOT BE A REASONABLE VALUE

.210 - NOTE - NC CARD - XNR = .000 MAY NOT BE A REASONABLE VALUE

.210 - NOTE - NC CARD - XNCH = .000 MAY NOT BE A REASONABLE VALUE

.210 - NOTE - NH CARD - VALN = .300 MAY NOT BE A REASONABLE VALUE

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00325000 |
| T2 | 50-YEAR FLOOD | H011270 JHN | 00326000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00327000 |

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00330000 |
| T2 | 100-YEAR FLOOD | H011270 JHN | 00331000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00332000 |

| | | | |
|----|-----------------------|----------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00335000 |
| T2 | 500-YEAR FLOOD | H011270 JHN | 00336000 |
| T3 | RAVEN FORK | FLOOD PROFILES | 00337000 |

FLOODWAY DATA, RAVEN FORK
PROFILE NO. 2

| STATION | WIDTH | FLOODWAY | | WATER SURFACE ELEVATION | | |
|-----------|-------|--------------|---------------|-------------------------|------------------|------------|
| | | SECTION AREA | MEAN VELOCITY | WITH FLOODWAY | WITHOUT FLOODWAY | DIFFERENCE |
| AP 9.670 | 140. | 930. | 5.4 | 2562.3 | 2561.9 | .4 |
| AQ 9.820 | 100. | 438. | 11.4 | 2575.5 | 2575.1 | .4 |
| AR 9.940 | 95. | 538. | 9.3 | 2591.2 | 2590.3 | .9 |
| 10.050 | 95. | 470. | 10.0 | 2600.7 | 2600.4 | .3 |
| 10.050 | 95. | 567. | 8.6 | 2601.8 | 2601.7 | .1 |
| 10.050 | 95. | 634. | 7.7 | 2602.6 | 2602.5 | .1 |
| AS 10.050 | 95. | 643. | 7.6 | 2602.7 | 2602.6 | .1 |
| AT 10.360 | 90. | 423. | 11.3 | 2638.3 | 2638.3 | .0 |

| | | | | | | | | | | | | |
|----------|-----------------------|--------|--------|--------|--------|--------|-------|--------|-------------------|----------|----------|----------|
| T1 | CHEROKEE INDIAN LANDS | | | | | | | | DSN=RAVENFW1 | 00001000 | | |
| T2 | 100-YEAR FLOOD | | | | | | | | H011270 JHN | 00002000 | | |
| T3 | RAVEN FORK | | | | | | | | 100-YEAR FLOODWAY | 00003000 | | |
| J1 | 5 | | | | | | | | 2302.1 | 00004000 | | |
| J2 | -1 | | | | | | | | | 00005000 | | |
| J3 | 110 | 0 | 200 | | | | | | | 00006000 | | |
| J6 | 1 | | | | | | | | | 00006100 | | |
| NC | .12 | .10 | .055 | .1 | .5 | | | | | 00007000 | | |
| QT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | | | 00008000 | | |
| ET | | | | | | | | | 8.11 | 340 445 | 00009000 | |
| X1 | 5.96 | .17 | 352 | 430 | 600 | 450 | 500 | | | 00010000 | | |
| GR2304.8 | 0 | 2313.1 | 69 | 2305.3 | 47 | 2308.2 | 140 | 2309.2 | 189 | 00011000 | | |
| GR2308.1 | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.8 | 352 | 00012000 | | |
| GR2293.8 | 434 | 2295.1 | 434 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 | 00013000 | | |
| GR2303.6 | 556 | 2333.2 | 601 | | | | | | | 00014000 | | |
| NC | .12 | .06 | .055 | .1 | .5 | | | | | 00015000 | | |
| QT | 6 | 2564 | 5245 | 8440 | 10092 | 13935 | 10092 | | | 00016000 | | |
| ET | | | | | | | | | 8.11 | 360 465 | 00017000 | |
| X1 | 6.14 | 25 | 370 | 456 | 900 | 730 | 840 | | | 00018000 | | |
| GR2325.0 | 73 | 2315.6 | 109 | 2313.3 | 159 | 2313.6 | 206 | 2314.1 | 222 | 00019000 | | |
| GR2313.3 | 255 | 2312.9 | 291 | 2312.0 | 305 | 2308.7 | 342 | 2305.5 | 366 | 00020000 | | |
| GR2304.1 | 370 | 2301.7 | 377 | 2300.2 | 385 | 2299.8 | 409 | 2299.7 | 419 | 00021000 | | |
| GR2299.3 | 430 | 2299.8 | 441 | 2301.6 | 449 | 2304.0 | 456 | 2308.5 | 460 | 00022000 | | |
| GR2315.2 | 469 | 2315.3 | 476 | 2317.1 | 496 | 2316.2 | 502 | 2325.0 | 519 | 00023000 | | |
| NH | 4 | .15 | 445 | .06 | 525 | .08 | 599 | .05 | 733 | 00024000 | | |
| QT | 6 | 2558 | 5278 | 8436 | 10075 | 13914 | 10075 | | | 00025000 | | |
| ET | | | | | | | | | 8.11 | 435 565 | 00026000 | |
| X1 | 6.25 | 33 | 445 | 525 | 620 | 620 | 620 | | | 00027000 | | |
| GR2330.0 | 9 | 2320.5 | 46 | 2318.7 | 71 | 2317.6 | 140 | 2317.2 | 176 | 00028000 | | |
| GR2317.3 | 186 | 2317.3 | 238 | 2317.8 | 261 | 2319.2 | 322 | 2319.5 | 445 | 00029000 | | |
| GR2314.0 | 452 | 2311.2 | 463 | 2308.3 | 456 | 2307.3 | 466 | 2306.4 | 472 | 00030000 | | |
| GR2306.7 | 488 | 2306.4 | 498 | 2307.3 | 509 | 2308.5 | 519 | 2309.0 | 525 | 00031000 | | |
| GR2310.9 | 553 | 2311.6 | 573 | 2313.6 | 586 | 2317.0 | 593 | 2317.9 | 599 | 00032000 | | |
| GR2318.1 | 621 | 2316.9 | 627 | 2317.0 | 633 | 2316.0 | 636 | 2317.8 | 645 | 00033000 | | |
| GR2319.3 | 662 | 2320.7 | 675 | 2330.0 | 733 | | | | | 00034000 | | |
| NC | .15 | .07 | .05 | .3 | .8 | | | | | 00035000 | | |
| QT | 6 | 2550 | 5267 | 8417 | 10051 | 13885 | 10051 | | | 00036000 | | |
| ET | | | | | | | | | 8.11 | 240 345 | 00037000 | |
| X1 | 6.41 | 29 | 250 | 335 | 700 | 700 | 700 | | | 00038000 | | |
| GR2330.8 | 0 | 2320.8 | 106 | 2326.4 | 130 | 2325.6 | 165 | 2325.4 | 205 | 00039000 | | |
| GR2324.0 | 210 | 2323.8 | 223 | 2318.9 | 230 | 2317.0 | 240 | 2316.0 | 250 | 00040000 | | |
| GR2315.0 | 250 | 2313.2 | 255 | 2313.0 | 275 | 2312.5 | 296 | 2312.6 | 301 | 00041000 | | |
| GR2312.4 | 312 | 2312.7 | 317 | 2314.0 | 325 | 2316.5 | 326 | 2318.2 | 335 | 00042000 | | |
| GR2319.2 | 351 | 2322.9 | 360 | 2322.9 | 381 | 2321.9 | 389 | 2324.2 | 450 | 00043000 | | |
| GR2325.3 | 475 | 2326.0 | 501 | 2328.8 | 582 | 2340.0 | 582 | | | 00044000 | | |
| ET | | | | | | | | | 8.11 | 240 345 | 00045000 | |
| X1 | 6.41 | | | | | | | 40 | 40 | 40 | 00046000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 85.01 | .01 | 748 | 0 | 2314.0 | 2314.0 | 00047000 | |
| ET | | | | | | | | | 8.11 | 240 345 | 00048000 | |
| X1 | 6.41 | | | | | | | 30 | 30 | 30 | 00049000 | |
| Y2 | | | | | | | | | 1 | 2322.8 | 2324.4 | 00050000 |
| BT | 12 | 0 | 2335.3 | 0 | 75 | 2330.3 | 0 | 135 | 2328.4 | 0 | 00051000 | |
| BT | 190 | 2325.0 | 0 | 194 | 2324.3 | 0 | 197 | 2324.9 | 0 | 217 | 00052000 | |
| BT2325.1 | 0 | 240 | 2325.6 | 0 | 245 | 2328.0 | 0 | 296 | 2328.4 | 00053000 | | |

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|----------|------|--------|--------|--------|--------|--------|-------|--------|--------|----------|----------|
| BT | 0 | 335 | 2328.0 | 0 | 337 | 2325.7 | 0.0 | 379 | 2325.1 | 0 | 00054000 |
| BT | 384 | 2324.4 | 0 | 439 | 2326.3 | 0 | 537 | 2330.9 | 0 | 582 | 00055000 |
| BT2330.9 | 0 | 582 | 2340.0 | | | | | | | | 00056000 |
| ET | | | | | | | 8.11 | 240 | 345 | | 00057000 |
| X1 | 6.41 | 23 | 250 | 335 | 10 | 10 | 10 | | | | 00058000 |
| GR2333.0 | 0 | 2331.6 | 45 | 2329.0 | 150 | 2326.1 | 200 | 2326.1 | 223 | 00059000 | |
| GR2316.5 | 250 | 2314.9 | 255 | 2313.6 | 262 | 2313.3 | 274 | 2314.0 | 283 | 00060000 | |
| GR2313.1 | 290 | 2313.0 | 300 | 2313.2 | 313 | 2313.8 | 320 | 2314.7 | 325 | 00061000 | |
| GR2316.5 | 326 | 2319.0 | 335 | 2326.4 | 361 | 2326.4 | 381 | 2328.4 | 461 | 00062000 | |
| GR2329.5 | 553 | 2330.5 | 582 | 2340.0 | 582 | | | | | | 00063000 |
| NC | | | .1 | .5 | | | | | | | 00063100 |
| NH | 5 | .15 | 238 | .18 | 264 | .05 | 341 | .15 | 378 | .07 | 00064000 |
| NH | 572 | | | | | | | | | | 00065000 |
| ET | | | | | | | 8.11 | 230 | 350 | | 00066000 |
| X1 | 6.5 | 28 | 264 | 341 | 480 | 480 | 480 | | | | 00067000 |
| GR2340.0 | 3 | 2331.5 | 70 | 2329.6 | 120 | 2329.2 | 137 | 2329.1 | 150 | 00068000 | |
| GR2328.4 | 178 | 2328.0 | 220 | 2326.6 | 225 | 2326.4 | 238 | 2321.7 | 245 | 00069000 | |
| GR2320.0 | 252 | 2318.9 | 260 | 2317.1 | 266 | 2315.9 | 270 | 2315.3 | 307 | 00070000 | |
| GR2315.2 | 327 | 2315.8 | 334 | 2316.5 | 339 | 2319.3 | 341 | 2321.2 | 352 | 00071000 | |
| GR2322.0 | 367 | 2325.6 | 370 | 2325.6 | 396 | 2324.8 | 403 | 2327.1 | 470 | 00072000 | |
| GR2327.0 | 484 | 2328.5 | 530 | 2340.0 | 572 | | | | | | 00073000 |
| NH | 4 | .15 | 232 | .18 | 310 | .065 | 415 | .07 | 538 | | 00074000 |
| OT | 6 | 2541 | 5255 | 8396 | 10024 | 13851 | 10024 | | | | 00075000 |
| ET | | | | | | | 8.11 | 300 | 425 | | 00076000 |
| X1 | 6.59 | 19 | 310 | 415 | 490 | 490 | 490 | | | | 00077000 |
| GR2350.0 | 36 | 2335.9 | 88 | 2334.2 | 105 | 2335.2 | 150 | 2335.9 | 200 | 00078000 | |
| GR2336.0 | 232 | 2334.5 | 252 | 2332.1 | 278 | 2329.2 | 297 | 2328.0 | 310 | 00079000 | |
| GR2325.5 | 314 | 2324.2 | 323 | 2323.0 | 339 | 2323.5 | 395 | 2325.6 | 408 | 00080000 | |
| GR2326.3 | 415 | 2328.4 | 434 | 2336.7 | 465 | 2350.0 | 538 | | | | 00081000 |
| NH | 4 | .15 | 250 | .18 | 328 | .065 | 430 | .07 | 453 | | 00082000 |
| ET | | | | | | | 8.11 | 320 | 440 | | 00083000 |
| X1 | 6.66 | 20 | 328 | 430 | 370 | 370 | 370 | | | | 00084000 |
| GR2355.0 | 37 | 2327.0 | 106 | 2335.2 | 121 | 2336.6 | 189 | 2337.0 | 220 | 00085000 | |
| GR2337.1 | 250 | 2335.4 | 267 | 2332.8 | 300 | 2330.0 | 317 | 2329.1 | 328 | 00086000 | |
| GR2326.7 | 332 | 2326.2 | 338 | 2325.3 | 341 | 2325.0 | 345 | 2325.6 | 417 | 00087000 | |
| GR2320.9 | 428 | 2327.0 | 430 | 2329.4 | 453 | 2337.7 | 463 | 2355.0 | 578 | 00088000 | |
| NH | 4 | .20 | 178 | .06 | 204 | .06 | 325 | .08 | 476 | | 00089000 |
| OT | 6 | 2533 | 5243 | 8376 | 9908 | 13819 | 9998 | | | | 00090000 |
| ET | | | | | | | 8.11 | 170 | 305 | | 00091000 |
| X1 | 6.76 | 20 | 178 | 298 | 600 | 600 | 600 | | | | 00092000 |
| GR2365.0 | 30 | 2349.7 | 120 | 2349.0 | 139 | 2343.3 | 161 | 2339.6 | 178 | 00093000 | |
| GR2337.4 | 181 | 2335.9 | 192 | 2335.9 | 201 | 2335.1 | 220 | 2334.2 | 260 | 00094000 | |
| GR2333.3 | 271 | 2336.0 | 281 | 2337.7 | 280 | 2340.3 | 294 | 2345.0 | 309 | 00095000 | |
| GR2349.5 | 319 | 2349.6 | 325 | 2349.6 | 421 | 2355.0 | 459 | 2365.0 | 476 | 00096000 | |
| ET | | | | | | | 8.11 | 170 | 305 | | 00096010 |
| X1 | 6.84 | | | 400 | 400 | 400 | 400 | | | | 00096100 |
| NH | 6 | .15 | 43 | .06 | 140 | .10 | 176 | .05 | 250 | .10 | 00097000 |
| NH | 384 | .08 | 600 | | | | | | | | 00098000 |
| OT | 6 | 2524 | 5233 | 8357 | 9973 | 13789 | 9973 | | | | 00099000 |
| ET | | | | | | | 8.11 | 35 | 305 | | 00100000 |
| X1 | 6.92 | 22 | 43 | 140 | 480 | 320 | 480 | | | | 00101000 |
| GR2386.2 | 0 | 2352.5 | 23 | 2346.5 | 50 | 2345.2 | 50 | 2345.2 | 118 | 00102000 | |
| GR2346.5 | 118 | 2352.4 | 180 | 2353.2 | 159 | 2351.6 | 176 | 2345.2 | 184 | 00103000 | |

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|----------|------|--------|--------|--------|--------|--------|------|--------|--------|----------|----------|
| GR2345.2 | 226 | 2354.0 | 250 | 2354.0 | 260 | 2354.0 | 265 | 2354.0 | 266 | 00104000 | |
| GR2354.0 | 384 | 2353.9 | 401 | 2353.9 | 494 | 2356.1 | 511 | 2356.1 | 530 | 00106000 | |
| GR2353.3 | 540 | 2382.7 | 600 | | | | | | | 00107000 | |
| NC | .15 | .07 | .06 | | | | | | | 00108000 | |
| QT | 6 | 2516 | 5221 | 8337 | 9947 | 13758 | 9947 | | | 00109000 | |
| ET | | | | | | 8.11 | 115 | 195 | | 00110000 | |
| X1 | 7.09 | 19 | 125 | 189 | 840 | 640 | 840 | | | 00111000 | |
| GR2375.0 | 5 | 2363.4 | 43 | 2362.7 | 80 | 2361.4 | 91 | 2360.7 | 105 | 00112000 | |
| GR2355.5 | 125 | 2352.7 | 129 | 2352.7 | 141 | 2352.7 | 145 | 2352.7 | 165 | 00113000 | |
| GR2352.7 | 180 | 2360.0 | 189 | 2366.0 | 199 | 2366.0 | 211 | 2365.2 | 229 | 00114000 | |
| GR2363.6 | 235 | 2365.1 | 243 | 2367.5 | 248 | 2375.0 | 249 | | | 00115000 | |
| NC | .13 | .09 | .07 | | | | | | | 00116000 | |
| QT | 6 | 2507 | 5208 | 8314 | 9918 | 13722 | 9918 | | | 00117000 | |
| ET | | | | | | 8.11 | 75 | 195 | | 00118000 | |
| X1 | 7.28 | 12 | 85 | 183 | 1040 | 1040 | 1040 | | | 00119000 | |
| GR2409.7 | 0 | 2376.9 | 70 | 2369.7 | 85 | 2366.4 | 91 | 2365.0 | 110 | 00120000 | |
| GR2365.0 | 137 | 2366.4 | 163 | 2370.9 | 183 | 2374.1 | 243 | 2378.2 | 277 | 00121000 | |
| GR2378.1 | 329 | 2400.0 | 365 | | | | | | | 00122000 | |
| NC | .10 | .10 | .055 | | | | | | | 00123000 | |
| QT | 6 | 2500 | 5200 | 8300 | 9900 | 13700 | 9900 | | | 00124000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 00125000 | |
| X1 | 7.41 | 31 | 136 | 249 | 640 | 520 | 640 | | | 00126000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 00127000 | |
| GR2384.7 | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 00128000 | |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 00129000 | |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 00130000 | |
| GR2375.2 | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.2 | 281 | 00131000 | |
| GR2380.4 | 290 | 2379.8 | 300 | 2376.9 | 312 | 2381.8 | 408 | 2395.0 | 420 | 00132000 | |
| GR2400.0 | 426 | | | | | | | | | 00133000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 00133100 | |
| X1 | 7.41 | 28 | 112 | 250 | 40 | 40 | 40 | | | 00134000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00135000 | |
| GR2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 00136000 | |
| GR2373.2 | 174 | 2372.5 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 00137000 | |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 00138000 | |
| GR2385.5 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 00139000 | |
| GR2380.7 | 338 | 2380.7 | 396 | 2400.0 | 426 | | | | | 00140000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 00140100 | |
| X1 | 7.41 | 35 | 112 | 250 | 1 | 1 | 1 | | | 00141000 | |
| RT | 10 | 46 | 2384.0 | 0 | 110 | 2385.4 | 0 | 110 | 2387.5 | 0 | 00142000 |
| RT | 112 | 2387.5 | 0 | 112 | 2387.5 | 2382.4 | 250 | 2387.5 | 2382.4 | 250 | 00143000 |
| RT | 0 | 252 | 2387.5 | 0 | 252 | 2385.3 | 0 | 272 | 2384.9 | 0 | 00144000 |
| RT | 0 | | | | | | | | | | 00145000 |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00146000 | |
| GR2385.4 | 110 | 2385.4 | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 00147000 | |
| GR2382.4 | 151 | 2382.4 | 153 | 2374.8 | 153 | 2374.5 | 169 | 2373.2 | 174 | 00148000 | |
| GR2372.3 | 180 | 2372.7 | 188 | 2372.5 | 200 | 2373.3 | 211 | 2382.4 | 211 | 00149000 | |
| GR2382.4 | 213 | 2373.8 | 213 | 2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 00150000 | |
| GR2378.1 | 242 | 2378.2 | 250 | 2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 00151000 | |
| GR2381.3 | 351 | 2381.3 | 368 | 2380.7 | 368 | 2380.7 | 396 | 2400.0 | 426 | 00152000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 00152100 | |
| X1 | 7.41 | | | 30 | 30 | 30 | | | | 00153000 | |
| X2 | | | | | | | | | | 00154000 | |

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|----------|------|------|--------|------|--------|-------|--------|-----|--------|----------|----------|
| NC | .10 | .10 | .045 | | | | | | | 00155000 | |
| ET | | | | 8.11 | 100 | 270 | | | | 00155100 | |
| XI | 7.41 | 28 | 112 | 250 | 1 | 1 | 1 | | | 00156000 | |
| GR2400.0 | | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 00157000 |
| GR2385.4 | | 112 | 2378.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 00158000 |
| GR2373.2 | | 174 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 00159000 |
| GR2373.4 | | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 00160000 |
| GR2385.3 | | 250 | 2385.3 | 252 | 2384.4 | 272 | 2381.3 | 351 | 2381.3 | 368 | 00161000 |
| GR2380.7 | | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 00162000 |
| ET | | | | | | | 8.11 | 100 | 270 | | 00162100 |
| XI | 7.41 | 31 | 136 | 249 | 10 | 10 | 10 | | | | 00163000 |
| GR2400.0 | | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 44 | 2384.0 | 114 | 00164000 |
| GR2384.7 | | 114 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 00165000 |
| GR2373.7 | | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 00166000 |
| GR2371.6 | | 197 | 2371.8 | 209 | 2372.4 | 216 | 2373.3 | 218 | 2373.4 | 223 | 00167000 |
| GR2375.2 | | 237 | 2377.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.4 | 280 | 00168000 |
| GR2381.3 | | 350 | 2381.3 | 368 | 2380.7 | 389 | 2380.7 | 397 | 2395.0 | 420 | 00169000 |
| GR2400.0 | | 426 | | | | | | | | | 00170000 |
| NC | .15 | .13 | .06 | | | | | | | | 00171000 |
| QT | 6 | 2082 | 4200 | 6882 | 8282 | 11482 | 8282 | | | | 00172000 |
| ET | | | | | | | 8.11 | 45 | 215 | | 00173000 |
| XI | 7.58 | 16 | 53 | 206 | 890 | 890 | 890 | | | | 00174000 |
| GR2420.4 | | 0 | 2392.0 | 53 | 2386.1 | 70 | 2383.0 | 88 | 2382.0 | 105 | 00175000 |
| GR2382.0 | | 155 | 2382.9 | 170 | 2391.1 | 206 | 2391.1 | 216 | 2389.3 | 231 | 00176000 |
| GR2389.4 | | 310 | 2392.6 | 328 | 2392.6 | 350 | 2392.5 | 351 | 2393.1 | 486 | 00177000 |
| GR2424.1 | | 558 | | | | | | | | | 00178000 |
| NC | .13 | .12 | .06 | | | | | | | | 00179000 |
| QT | 6 | 2040 | 4200 | 6840 | 8240 | 11440 | 8240 | | | | 00180000 |
| ET | | | | | | | 8.11 | 25 | 135 | | 00181000 |
| XI | 7.99 | 14 | 32 | 125 | 2200 | 2320 | 2200 | | | | 00182000 |
| GR2440.0 | | 0 | 2418.9 | 32 | 2406.7 | 45 | 2403.8 | 53 | 2403.8 | 89 | 00183000 |
| GR2406.0 | | 95 | 2406.8 | 95 | 2417.4 | 125 | 2422.0 | 228 | 2422.0 | 250 | 00184000 |
| GR2419.1 | | 267 | 2432.1 | 307 | 2445.2 | 367 | 2459.7 | 418 | | | 00185000 |
| NC | .15 | .12 | .075 | | | | | | | | 00186000 |
| ET | | | | | | | 8.11 | 65 | 135 | | 00187000 |
| XI | 8.20 | 19 | 71 | 116 | 1090 | 1090 | 1090 | | -8.4 | | 00188000 |
| GR2465.5 | | 0 | 2409.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 00189000 |
| GR2437.5 | | 86 | 2434.4 | 96 | 2435.0 | 106 | 2441.3 | 116 | 2441.5 | 125 | 00190000 |
| GR2442.3 | | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 00191000 |
| GR2457.7 | | 190 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 00192000 |
| NC | .15 | .12 | .065 | | | | | | | | 00192100 |
| ET | | | | | | | 8.11 | 65 | 135 | | 00192110 |
| XI | 8.35 | 19 | 71 | 116 | 770 | 770 | 770 | | | | 00193000 |
| GR2465.5 | | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 00193100 |
| GR2440.0 | | 78 | 2440.0 | 96 | 2440.0 | 110 | 2441.3 | 116 | 2441.5 | 125 | 00193200 |
| GR2442.3 | | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 00193300 |
| GR2457.7 | | 190 | 2456.9 | 198 | 2460.0 | 200 | 2465.0 | 202 | | | 00193400 |
| QT | 6 | 1200 | 2500 | 4300 | 5200 | 7800 | 5200 | | | | 00194000 |
| ET | | | | | | | 8.11 | 65 | 160 | | 00195000 |
| XI | 8.39 | 12 | 75 | 130 | 240 | 110 | 160 | | | | 00196000 |
| GR2469.5 | | 0 | 2461.0 | 22 | 2460.2 | 55 | 2451.0 | 75 | 2446.0 | 86 | 00197000 |
| GR2444.4 | | 90 | 2444.4 | 95 | 2444.5 | 103 | 2445.0 | 113 | 2450.3 | 130 | 00198000 |
| GR2457.5 | | 157 | 2475.0 | 181 | | | | | | | 00199000 |

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|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| ET | | | | | | 8.11 | 65 | 160 | | 00200000 | |
| X1 | 8.39 | | | 40 | 40 | 40 | | | | 00201000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 45.8 | 3 | 574 | 1.46 | 2445.5 | 2445.5 | 00202000 |
| ET | | | | | | 8.11 | 65 | 160 | | 00203000 | |
| X1 | 8.39 | | | 30 | 30 | 30 | | | | 00204000 | |
| X2 | | | | 1 | 2455.5 | 2459.0 | | | | 00205000 | |
| BT | 11 | 0 | 2472.0 | 0 | 5 | 2467.5 | 0 | 22 | 2461.0 | 0 | 00206000 |
| BT | 55 | 2460.2 | 0 | 57 | 2459.0 | 0 | 75 | 2459.0 | 0 | 75 | 00207000 |
| BT | 2461.0 | 0 | 80 | 2461.3 | 0 | 160 | 2461.3 | 0 | 162 | 2461.1 | 00208000 |
| BT | 0 | 181 | 2475.0 | 0 | | | | | | | 00209000 |
| NC | .15 | .12 | .055 | | | | | | | | 00210000 |
| ET | | | | | | 8.11 | 65 | 160 | | 00211000 | |
| X1 | 8.39 | | | 10 | 10 | 10 | | | | | 00212000 |
| NH | 4 | .12 | 220 | .06 | 288 | .08 | 480 | .20 | 753 | | 00213000 |
| FT | | | | | | 8.11 | 210 | 300 | | | 00214000 |
| X1 | 8.53 | 19 | 220 | 288 | 680 | 900 | 680 | | | | 00215000 |
| GR2513.5 | 0 | 2477.5 | 60 | 2469.2 | 80 | 2470.6 | 94 | 2470.6 | 115 | | 00216000 |
| GR2462.7 | 156 | 2457.6 | 220 | 2455.0 | 229 | 2452.5 | 230 | 2452.5 | 273 | | 00217000 |
| GR2455.0 | 273 | 2463.0 | 288 | 2464.9 | 318 | 2463.4 | 387 | 2463.4 | 448 | | 00218000 |
| GR2464.7 | 480 | 2464.7 | 661 | 2490.3 | 729 | 2513.4 | 753 | | | | 00219000 |
| NC | .10 | .13 | .060 | | | | | | | | 00220000 |
| ET | | | | | | 8.11 | 720 | 870 | | | 00222000 |
| X1 | 8.76 | 24 | 726 | 860 | 1240 | 1080 | 1160 | | | | 00223000 |
| GR2512.8 | 0 | 2504.9 | 147 | 2492.5 | 297 | 2490.2 | 310 | 2490.2 | 323 | | 00224000 |
| GR2486.9 | 358 | 2480.1 | 453 | 2478.2 | 500 | 2479.5 | 595 | 2476.2 | 631 | | 00225000 |
| GR2477.5 | 641 | 2477.5 | 662 | 2475.3 | 695 | 2475.6 | 726 | 2468.0 | 756 | | 00226000 |
| GR2466.8 | 775 | 2466.8 | 825 | 2468.0 | 843 | 2472.0 | 860 | 2478.5 | 888 | | 00227000 |
| GR2482.0 | 934 | 2482.0 | 948 | 2490.1 | 971 | 2505.4 | 1016 | | | | 00228000 |
| NC | .10 | .10 | .055 | | | | | | | | 00229000 |
| BT | 6 | 1173 | 2546 | 4210 | 5092 | 7238 | 5092 | | | | 00230000 |
| FT | | | | | | 8.11 | 190 | 295 | | | 00231000 |
| X1 | 8.94 | 18 | 195 | 265 | 760 | 1000 | 880 | | | | 00232000 |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | | 00233000 |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 220 | 2480.5 | 233 | 2480.4 | 239 | | 00234000 |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | | 00235000 |
| GR2488.9 | 331 | 2489.6 | 450 | 2501.0 | 490 | | | | | | 00236000 |
| FT | | | | | | 8.11 | 190 | 295 | | | 00236100 |
| X1 | 8.94 | | | 40 | 40 | 40 | | | | | 00237000 |
| FT | | | | | | 8.11 | 190 | 295 | | | 00238000 |
| SB | 1.25 | 1.6 | 3 | 0 | 51.6 | 0 | 729.3 | 1.7 | 2480.5 | 2480.5 | 00239000 |
| X1 | 8.94 | 20 | 195 | 285 | 30 | 30 | 30 | | | | 00240000 |
| X2 | | | | 1 | 2491.5 | 2492.0 | | | | | 00241000 |
| BT | 12 | 0 | 2505.0 | 0 | 0 | 2494.4 | 0 | 95 | 2492.5 | 0 | 00242000 |
| BT | 141 | 2492.0 | 0 | 197 | 2493.7 | 0 | 197 | 2495.5 | 0 | 285 | 00243000 |
| BT | 2495.5 | 0 | 285 | 2493.7 | 0 | 300 | 2493.6 | 0 | 400 | 2493.4 | 00244000 |
| BT | 0 | 500 | 2495.6 | 0 | 525 | 2501.0 | 0 | | | | 00245000 |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | | 00246000 |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | | 00247000 |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | | 00248000 |
| GR2488.9 | 331 | 2492.0 | 370 | 2492.0 | 405 | 2493.6 | 500 | 2501.0 | 526 | | 00249000 |
| ET | | | | | | 8.11 | 190 | 295 | | | 00250000 |
| X1 | 8.94 | | | 10 | 10 | 10 | | | | | 00251000 |

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|----------|------|------|--------|------|--------|------|--------|------|--------|----------|----------|
| NC | .10 | .07 | .055 | | | | | | | 00252000 | |
| QT | 6 | 1165 | 2530 | 4195 | 5060 | 7190 | 5060 | | | 00253000 | |
| ET | | | | | | | 8.11 | 120 | 220 | 00254000 | |
| X1 | 9.10 | 19 | 130 | 210 | 840 | 800 | 840 | | | 00255000 | |
| GR2538.5 | | 0 | 2512.2 | 49 | 2512.2 | 86 | 2502.6 | 118 | 2497.5 | 130 | 00256000 |
| GR2493.4 | | 139 | 2492.2 | 155 | 2492.2 | 180 | 2493.4 | 193 | 2497.5 | 210 | 00257000 |
| GR2501.4 | | 227 | 2501.8 | 241 | 2501.8 | 260 | 2505.5 | 284 | 2505.5 | 441 | 00258000 |
| GR2508.8 | | 472 | 2512.6 | 637 | 2520.3 | 785 | 2528.0 | 884 | | | 00259000 |
| NC | .12 | .12 | .065 | | | | | | | 00260000 | |
| QT | 6 | 1159 | 2518 | 4177 | 5036 | 7154 | 5036 | | | 00261000 | |
| ET | | | | | | | 8.11 | 240 | 330 | 00262000 | |
| X1 | 9.22 | 12 | 250 | 323 | 640 | 640 | 640 | | | 00263000 | |
| GR2516.7 | | 150 | 2512.9 | 169 | 2509.7 | 189 | 2503.9 | 203 | 2502.3 | 250 | 00264000 |
| GR2500.1 | | 272 | 2500.7 | 322 | 2501.0 | 323 | 2508.9 | 337 | 2511.0 | 425 | 00265000 |
| GR2512.3 | | 537 | 2515.5 | 560 | | | | | | | 00266000 |
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| QT | 6 | 1154 | 2506 | 4162 | 5016 | 7124 | 5016 | | | 00268000 | |
| ET | | | | | | | 8.11 | 210 | 305 | 00269000 | |
| X1 | 9.32 | 19 | 221 | 295 | 560 | 640 | 550 | | | 00270000 | |
| GR2522.9 | | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 00271000 |
| GR2511.0 | | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 00272000 |
| GR2505.7 | | 266 | 2506.0 | 295 | 2509.1 | 306 | 2520.6 | 324 | 2524.0 | 400 | 00273000 |
| GR2520.1 | | 495 | 2524.0 | 550 | 2527.0 | 629 | 2530.0 | 690 | | | 00274000 |
| ET | | | | | | | 8.11 | 210 | 305 | 00276000 | |
| X1 | 9.33 | 19 | 221 | 295 | 50 | 50 | 50 | | | 00277000 | |
| GR2522.9 | | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 00278000 |
| GR2511.0 | | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 00279000 |
| GR2505.7 | | 266 | 2506.0 | 295 | 2509.1 | 306 | 2524.0 | 400 | 2520.1 | 495 | 00280000 |
| GR2524.0 | | 550 | 2527.0 | 629 | 2530.0 | 690 | | | | | 00281000 |
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| QT | 6 | 1149 | 2497 | 4146 | 4994 | 7091 | 4994 | | | 00283000 | |
| ET | | | | | | | 8.11 | 265 | 345 | 00284000 | |
| X1 | 9.43 | 20 | 272 | 355 | 530 | 530 | 530 | | | 00285000 | |
| GR2529.4 | | 30 | 2529.4 | 40 | 2526.3 | 55 | 2526.5 | 155 | 2522.2 | 174 | 00286000 |
| GR2521.3 | | 225 | 2527.9 | 231 | 2530.0 | 250 | 2514.3 | 272 | 2513.3 | 274 | 00287000 |
| GR2513.7 | | 300 | 2515.6 | 355 | 2520.9 | 371 | 2526.3 | 439 | 2527.6 | 466 | 00288000 |
| GR2530.9 | | 454 | 2534.6 | 545 | 2535.2 | 640 | 2533.2 | 734 | 2535.1 | 747 | 00289000 |
| ET | | | | | | | 8.11 | 480 | 620 | 00291000 | |
| X1 | 9.67 | 25 | 504 | 605 | 1160 | 1160 | 1160 | | | 00292000 | |
| GR2595.2 | | 0 | 2560.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 00293000 |
| GR2557.8 | | 439 | 2557.6 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2552.2 | 548 | 00294000 |
| GR2548.0 | | 549 | 2548.0 | 600 | 2552.5 | 605 | 2562.4 | 615 | 2564.4 | 626 | 00295000 |
| GR2562.7 | | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 00296000 |
| GR2560.7 | | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 00297000 |
| ET | | | | | | | 8.11 | 480 | 620 | 00298000 | |
| X1 | 9.67 | 25 | 510 | 610 | 30 | 30 | 30 | | | 00299000 | |
| GR2595.2 | | 0 | 2560.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 00300000 |
| GR2557.8 | | 439 | 2557.6 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2556.7 | 510 | 00301000 |
| GR2556.4 | | 511 | 2556.4 | 600 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 00302000 |
| GR2562.7 | | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 00303000 |
| GR2560.7 | | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 00304000 |
| ET | | | | | | | 8.11 | 480 | 620 | 00305000 | |

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|----------|-------|--------|-----------------------|--------|--------|--------------|--------|--------|--------|-----------------|
| X1 | 9.67 | 25 | 525 | 610 | 30 | 30 | 30 | | | 00306000 |
| GR2595.2 | | 0 | 2568.4 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 00307000 |
| GR2557.8 | | 439 | 2557.8 | 446 | 2559.6 | 447 | 2559.6 | 487 | 2554.7 | 525 00308000 |
| GR2554.0 | | 530 | 2554.0 | 607 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 00309000 |
| GR2562.7 | | 644 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 00310000 |
| GR2560.7 | | 1018 | 2562.3 | 1127 | 2560.3 | 1200 | 2564.7 | 1297 | 2585.0 | 1365 00311000 |
| NC | .15 | .12 | .065 | | | | | | | 00312000 |
| ET | | | | | | 8.11 | 290 | 390 | | 00314000 |
| Y1 | 9.82 | 18 | 300 | 380 | 740 | 740 | 740 | | | 00315000 |
| GR2578.4 | | 38 | 2578.3 | 49 | 2572.0 | 66 | 2572.0 | 122 | 2574.0 | 127 00316000 |
| GR2573.9 | | 175 | 2576.9 | 202 | 2577.1 | 264 | 2573.0 | 287 | 2573.8 | 300 00317000 |
| GR2570.0 | | 309 | 2569.3 | 328 | 2569.6 | 359 | 2573.8 | 380 | 2577.6 | 423 00318000 |
| GR2577.2 | | 440 | 2579.0 | 453 | 2579.3 | 465 | | | | 00319000 |
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| E1 | | | | | | 8.11 | 255 | 350 | | 00322000 |
| Y1 | 9.04 | 14 | 265 | 340 | 630 | 630 | 630 | | | 00323000 |
| GR2595.9 | | 50 | 2595.4 | 61 | 2591.5 | 81 | 2587.0 | 95 | 2587.0 | 120 00324000 |
| GR2586.9 | | 128 | 2586.5 | 207 | 2586.4 | 218 | 2588.3 | 225 | 2588.9 | 265 00325000 |
| GR2584.0 | | 300 | 2583.7 | 340 | 2591.1 | 360 | 2595.0 | 375 | | 00326000 |
| QT | 6 | 1118 | 2435 | 4053 | 4870 | 6905 | 4870 | | | 00327000 |
| ET | | | | | | 8.11 | 130 | 225 | | 00328000 |
| Y1 | 10.05 | 13 | 145 | 200 | 530 | 530 | 530 | | | 00329000 |
| GR2616.4 | | 60 | 2612.2 | 86 | 2612.2 | 99 | 2600.4 | 140 | 2597.2 | 145 00330000 |
| GR2592.4 | | 151 | 2591.2 | 161 | 2591.2 | 175 | 2599.1 | 209 | 2604.2 | 274 00331000 |
| GR2606.0 | | 376 | 2604.2 | 460 | 2612.4 | 565 | | | | 00332000 |
| ET | | | | | | 8.11 | 130 | 225 | | 00332100 |
| Y1 | 10.05 | | | 40 | 40 | 40 | | | | 00333000 |
| ET | | | | | | 8.11 | 130 | 225 | | 00333100 |
| SB | 1.25 | 1.6 | 3 | 0 | 55.9 | 8 | 755.4 | 1.25 | 2591.2 | 2591.2 00334000 |
| X1 | 10.05 | | | 30 | 30 | 30 | | | | 00335000 |
| Y2 | | | 1 | 2603.2 | 2605.7 | | | | | 00336000 |
| BT | 12 | 60 | 2616.4 | 0 | 86 | 2612.2 | 0 | 99 | 2612.2 | 0 00337000 |
| BT | 120 | 2604.0 | 0 | 135 | 2605.7 | 0 | 135 | 2607.2 | 0 | 219 00338000 |
| BT2607.4 | | 0 | 219 | 2606.1 | 0 | 235 | 2606.4 | 0 | 290 | 2606.9 00339000 |
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| ET | | | | | | 8.11 | 130 | 225 | | 00340100 |
| X1 | 10.05 | | | 10 | 10 | 10 | | | | 00341000 |
| QT | 6 | 1100 | 2400 | 4000 | 4800 | 6800 | 4800 | | | 00342000 |
| E1 | | | | | | 8.11 | 500 | 590 | | 00343000 |
| Y1 | 10.30 | 24 | 500 | 579 | 1640 | 1640 | 1640 | | | 00344000 |
| GR2690.1 | | 0 | 2657.3 | 52 | 2644.4 | 137 | 2642.4 | 170 | 2639.0 | 231 00345000 |
| GR2642.0 | | 401 | 2645.1 | 457 | 2645.0 | 470 | 2644.4 | 482 | 2634.0 | 509 00346000 |
| GR2632.4 | | 509 | 2632.4 | 544 | 2634.2 | 544 | 2635.4 | 547 | 2635.4 | 558 00347000 |
| GR2634.2 | | 560 | 2632.3 | 560 | 2632.3 | 579 | 2634.2 | 579 | 2642.3 | 606 00348000 |
| GR2652.1 | | 638 | 2653.8 | 782 | 2661.0 | 822 | 2695.1 | 888 | | 00349000 |
| FJ | | | | | | | | | | 00350000 |
| T1 | | | CHEROKEE INDIAN LANDS | | | DSN=RAVENFKI | | | | 00361000 |
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| T2 | 100-YEAR FLOODWAY | H011270 JHN | 00362000 |
| T3 | RAVEN FORK | | 00363000 |

| T1 | CHEROKEE INDIAN LANDS | | | | | | | | DSN=RAVENFN | 00001000 | |
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| T2 | 100-YEAR FLOOD | | | | | | | | H011270 JHN | 00002000 | |
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| NH | 5 | .06 | 600 | .13 | 768 | .05 | 857 | .13 | 1006 | .06 | 00009000 |
| NH | 1650 | | | | | | | | | | 00010000 |
| QT | 6 | 2800 | 5700 | 9100 | 10900 | 15000 | 10900 | | | | 00011000 |
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| X1 | 0.21 | 27 | 768 | 857 | | | | | | | 00013000 |
| GR2031.4 | 0 | 2029.4 | 50 | 2025.0 | 228 | 2025.0 | 250 | 2026.7 | 406 | | 00014000 |
| GR2025.1 | 606 | 2026.9 | 706 | 2026.2 | 747 | 2019.5 | 768 | 2016.8 | 769 | | 00015000 |
| GR2014.9 | 777 | 2014.6 | 808 | 2014.9 | 830 | 2015.2 | 840 | 2016.5 | 850 | | 00016000 |
| GR2018.9 | 850 | 2020.9 | 857 | 2023.5 | 869 | 2024.9 | 892 | 2023.2 | 907 | | 00017000 |
| GR2022.6 | 921 | 2024.1 | 1006 | 2022.6 | 1107 | 2023.3 | 1209 | 2026.1 | 1406 | | 00018000 |
| GR2027.8 | 1490 | 2026.8 | 1650 | | | | | | | | 00019000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 00019100 |
| X1 | 0.21 | | 40 | 40 | 40 | | | | | | 00020000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 00020100 |
| X1 | 0.21 | 35 | 768 | 857 | 1 | 1 | 1 | | | | 00021000 |
| BT | 10 | 690 | 2028.2 | 0 | 750 | 2030.1 | 0 | 750 | 2032.8 | 0 | 00022000 |
| BT | 768 | 2033.7 | 0 | 768 | 2033.7 | 2020.0 | 770 | 2033.8 | 2023.5 | 773 | 00023000 |
| BT2033.9 | 2025.5 | 789 | 2030.0 | 2027.3 | 810 | 2034.9 | 2028.4 | 830 | 2034.8 | | 00024000 |
| BT2027.2 | 850 | 2034.1 | 2023.5 | 857 | 2033.6 | 2020.9 | 857 | 2033.6 | 0 | | 00025000 |
| BT | 861 | 2033.3 | 0 | 861 | 2030.1 | 0 | 916 | 2027.8 | 0 | | 00026000 |
| GR2031.4 | 0 | 2029.4 | 50 | 2027.8 | 150 | 2027.7 | 254 | 2028.3 | 350 | | 00027000 |
| GR2028.2 | 450 | 2027.6 | 550 | 2027.7 | 606 | 2027.8 | 653 | 2028.2 | 694 | | 00028000 |
| GR2030.1 | 750 | 2033.7 | 768 | 2019.5 | 768 | 2018.7 | 770 | 2017.7 | 773 | | 00029000 |
| GR2013.4 | 780 | 2013.9 | 800 | 2014.8 | 810 | 2015.3 | 830 | 2015.5 | 840 | | 00030000 |
| GR2016.0 | 846 | 2016.5 | 850 | 2018.9 | 850 | 2020.9 | 857 | 2033.6 | 857 | | 00031000 |
| GR2033.3 | 851 | 2030.1 | 861 | 2027.8 | 916 | 2026.8 | 951 | 2026.0 | 1006 | | 00032000 |
| GR2025.3 | 1052 | 2025.3 | 1152 | 2026.9 | 1360 | 2028.3 | 1550 | 2028.0 | 1650 | | 00033000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 00034000 |
| X1 | 0.21 | | 30 | 30 | 30 | | | | | | 00035000 |
| X2 | | | | | | | | | | | 00036000 |
| NH | 5 | .06 | 600 | .13 | 768 | .05 | 857 | .13 | 1006 | .13 | 00037000 |
| NH | 1650 | | | | | | | | | | 00038000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 00039000 |
| X1 | 0.21 | 27 | 768 | 857 | 1 | 1 | 1 | | | | 00040000 |
| GR2031.4 | 0 | 2029.4 | 50 | 2025.0 | 228 | 2025.0 | 250 | 2026.7 | 406 | | 00041000 |
| GR2025.1 | 606 | 2026.9 | 706 | 2026.2 | 747 | 2019.5 | 768 | 2016.8 | 769 | | 00042000 |
| GR2014.9 | 777 | 2014.6 | 808 | 2014.9 | 830 | 2015.2 | 840 | 2016.5 | 850 | | 00043000 |
| GR2018.9 | 850 | 2020.9 | 857 | 2023.5 | 869 | 2024.9 | 892 | 2023.2 | 907 | | 00044000 |
| GR2022.6 | 921 | 2024.1 | 1006 | 2022.6 | 1107 | 2023.3 | 1209 | 2026.1 | 1406 | | 00045000 |
| GR2027.8 | 1490 | 2026.8 | 1650 | | | | | | | | 00046000 |
| NH | 5 | .06 | 600 | .13 | 768 | .05 | 857 | .13 | 1107 | .30 | 00047000 |
| NH | 1650 | | | | | | | | | | 00048000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 00048100 |
| X1 | 0.21 | | 40 | 40 | 40 | | | | | | 00049000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 00049100 |

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|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| X1 | .40 | | | 930 | 930 | 730 | | 6 | | 00050000 | |
| NC | .13 | .13 | .05 | | | | | | | 00051000 | |
| ET | | | | | | 8.11 | 400 | 525 | | 00053000 | |
| X1 | 0.56 | 31 | 409 | 515 | 700 | 830 | 830 | | | 00054000 | |
| GR2054.0 | | 0 | 2042.2 | 17 | 2041.2 | 55 | 2040.0 | 76 | 2041.7 | 82 | 00055000 |
| GR2040.7 | | 103 | 2040.1 | 109 | 2041.9 | 118 | 2040.4 | 143 | 2039.7 | 255 | 00056000 |
| GR2039.9 | | 323 | 2045.6 | 343 | 2044.8 | 360 | 2035.5 | 383 | 2032.7 | 409 | 00057000 |
| GR2029.5 | | 417 | 2029.0 | 417 | 2027.6 | 425 | 2027.4 | 435 | 2027.3 | 450 | 00058000 |
| GR2028.1 | | 495 | 2029.0 | 502 | 2029.6 | 502 | 2037.0 | 515 | 2037.5 | 535 | 00059000 |
| GR2042.4 | | 546 | 2042.1 | 555 | 2043.4 | 755 | 2047.0 | 835 | 2052.4 | 935 | 00060000 |
| GR2057.0 | | 991 | | | | | | | | | 00061000 |
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| X1 | 0.60 | 27 | 433 | 541 | 55 | 210 | 150 | | | | 00065000 |
| GR2055.0 | | 305 | 2052.9 | 327 | 2048.9 | 340 | 2047.5 | 383 | 2037.1 | 411 | 00066000 |
| GR2034.7 | | 433 | 2032.5 | 434 | 2031.1 | 439 | 2030.9 | 455 | 2031.2 | 485 | 00067000 |
| GR2031.0 | | 500 | 2031.3 | 515 | 2032.3 | 524 | 2033.0 | 524 | 2038.1 | 541 | 00068000 |
| GR2037.9 | | 569 | 2042.6 | 539 | 2042.6 | 605 | 2043.6 | 700 | 2044.9 | 793 | 00069000 |
| GR2044.7 | | 809 | 2044.0 | 811 | 2044.9 | 817 | 2047.1 | 850 | 2048.4 | 950 | 00070000 |
| GR2052.2 | | 1050 | 2055.0 | 1084 | | | | | | | 00071000 |
| ET | | | | | | 8.11 | 395 | 550 | | | 00072000 |
| X1 | 0.60 | | | 40 | 40 | 40 | | | | | 00073000 |
| X3 | 10 | | | | | | 2035.0 | 2044.0 | | | 00074000 |
| GB | 1.25 | 1.6 | 5 | 0 | 101 | 0 | 1248 | 1.5 | 2031.1 | 2031.1 | 00075000 |
| ET | | | | | | | 8.11 | 395 | 550 | | 00076000 |
| X1 | 0.60 | 30 | 433 | 540 | 30 | 30 | 30 | | | | 00077000 |
| X2 | | | 1 | 2042.1 | 2046.5 | | | | | | 00078000 |
| X3 | 10 | | | | | | 2035.0 | 2046.5 | | | 00079000 |
| BT | 18 | 305 | 2055.0 | 0 | 327 | 2052.9 | 0 | 340 | 2048.9 | 0 | 00080000 |
| BT | 383 | 2047.5 | 0 | 406 | 2047.5 | 0 | 406 | 2047.5 | 2046.8 | 540 | 00081000 |
| BT2048.2 | | 2042.0 | 540 | 2048.2 | 0 | 545 | 2048.2 | 0 | 545 | 2048.2 | 00082000 |
| BT | 0 | 609 | 2046.8 | 0 | 609 | 2046.6 | 0 | 700 | 2047.5 | 0 | 00083000 |
| BT | 800 | 2048.0 | 0 | 910 | 2047.4 | 0 | 950 | 2048.4 | 0 | 1050 | 00084000 |
| BT2052.2 | | 0 | 1084 | 2055.0 | 0 | | | | | | 00085000 |
| GR2055.0 | | 305 | 2052.9 | 327 | 2048.9 | 340 | 2047.5 | 383 | 2039.0 | 406 | 00086000 |
| GR2037.1 | | 411 | 2034.7 | 433 | 2032.5 | 434 | 2031.1 | 439 | 2030.9 | 455 | 00087000 |
| GR2031.2 | | 485 | 2031.0 | 500 | 2031.3 | 515 | 2032.3 | 524 | 2033.0 | 524 | 00088000 |
| GR2038.1 | | 540 | 2038.0 | 545 | 2037.9 | 569 | 2042.6 | 539 | 2042.6 | 609 | 00089000 |
| GR2043.6 | | 700 | 2044.9 | 793 | 2044.7 | 800 | 2044.0 | 811 | 2044.9 | 817 | 00090000 |
| GR2047.1 | | 850 | 2047.9 | 910 | 2048.4 | 950 | 2052.2 | 1050 | 2055.0 | 1084 | 00091000 |
| ET | | | | | | 8.11 | 395 | 550 | | | 00092000 |
| Y1 | 0.60 | | | 10 | 10 | 10 | | | | | 00093000 |
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| ET | | | | | | 8.11 | 240 | 300 | | | 00096000 |
| X1 | 0.80 | 21 | 250 | 330 | 1150 | 1020 | 1090 | | | | 00097000 |
| GR2068.0 | | 172 | 2064.0 | 201 | 2066.0 | 210 | 2056.0 | 222 | 2052.0 | 232 | 00098000 |
| GR2048.0 | | 240 | 2040.0 | 250 | 2039.6 | 257 | 2039.1 | 260 | 2038.6 | 260 | 00099000 |
| GR2038.0 | | 266 | 2038.0 | 310 | 2036.4 | 315 | 2038.9 | 315 | 2039.4 | 322 | 00100000 |
| GR2040.0 | | 350 | 2044.0 | 356 | 2052.0 | 342 | 2056.0 | 352 | 2060.0 | 365 | 00101000 |
| GR2080.0 | | 372 | | | | | | | | | 00102000 |
| NC | .13 | .13 | .06 | | | | | | | | 00103000 |
| OT | 6 | 2800 | 5600 | 9040 | 10800 | 14890 | 10800 | | | | 00104000 |
| ET | | | | | | 8.11 | 240 | 300 | | | 00105000 |

| | | | | | | | | | | | |
|----------|------|------|--------|------|--------|-------|--------|-----|--------|-----|----------|
| X1 | 0.94 | 34 | 251 | 320 | 760 | 760 | 760 | 128 | 2056.0 | 228 | 00106000 |
| GR2064.1 | | 0 | 2060.5 | 29 | 2058.5 | 58 | 2057.1 | 128 | 2056.0 | 228 | 00107000 |
| GR2045.9 | | 251 | 2044.8 | 258 | 2043.4 | 259 | 2042.5 | 259 | 2042.0 | 262 | 00108000 |
| GR2041.7 | | 270 | 2041.5 | 280 | 2041.5 | 290 | 2042.0 | 310 | 2042.8 | 315 | 00109000 |
| GR2043.5 | | 315 | 2045.6 | 320 | 2047.4 | 327 | 2048.5 | 347 | 2049.2 | 372 | 00110000 |
| GR2051.9 | | 346 | 2057.1 | 409 | 2056.2 | 415 | 2056.4 | 427 | 2057.9 | 430 | 00111000 |
| GR2056.6 | | 467 | 2057.5 | 475 | 2060.5 | 487 | 2060.7 | 492 | 2060.0 | 512 | 00112000 |
| GR2057.9 | | 520 | 2059.7 | 525 | 2060.7 | 537 | 2065.5 | 546 | | | 00113000 |
| NC | .13 | .13 | .06 | | | | | | | | 00114000 |
| QT | 6 | 2800 | 5610 | 9010 | 10810 | 14810 | 10810 | | | | 00115000 |
| ET | | | | | | 8.11 | | 25 | 115 | | 00116000 |
| X1 | 1.02 | 27 | 35 | 104 | 2560 | 2840 | 2720 | | | | 00117000 |
| GR2091.5 | | 0 | 2068.0 | 35 | 2067.0 | 35 | 2065.1 | 41 | 2065.5 | 50 | 00118000 |
| GR2065.9 | | 71 | 2065.9 | 85 | 2066.1 | 96 | 2067.5 | 101 | 2069.9 | 104 | 00119000 |
| GR2074.5 | | 132 | 2078.6 | 146 | 2080.0 | 176 | 2080.0 | 184 | 2081.6 | 189 | 00120000 |
| GR2082.0 | | 209 | 2080.5 | 215 | 2080.9 | 232 | 2082.4 | 254 | 2088.0 | 274 | 00121000 |
| GR2092.0 | | 286 | | | | | | | | | 00122000 |
| NC | .10 | .10 | .06 | | | | | | | | 00123000 |
| ET | | | | | | 8.11 | | 120 | 210 | | 00125000 |
| X1 | 1.64 | 20 | 147 | 201 | 1280 | 1280 | 1280 | | | | 00126000 |
| GR2112.2 | | 0 | 2108.5 | 11 | 2100.7 | 25 | 2097.0 | 90 | 2093.9 | 127 | 00127000 |
| GR2090.9 | | 137 | 2090.6 | 147 | 2089.6 | 147 | 2088.5 | 153 | 2088.9 | 167 | 00128000 |
| GR2089.4 | | 176 | 2089.1 | 183 | 2087.9 | 189 | 2088.0 | 195 | 2090.1 | 201 | 00129000 |
| GR2103.7 | | 216 | 2103.4 | 234 | 2103.2 | 237 | 2108.5 | 241 | 2113.5 | 246 | 00130000 |
| NC | .12 | .10 | .06 | | | | | | | | 00131000 |
| ET | | | | | | 8.11 | | 15 | 130 | | 00133000 |
| X1 | 1.76 | 22 | 26 | 118 | 640 | 720 | 640 | | | | 00134000 |
| GR2117.5 | | 0 | 2098.0 | 20 | 2097.0 | 26 | 2095.0 | 28 | 2094.0 | 28 | 00135000 |
| GR2093.2 | | 31 | 2092.6 | 51 | 2093.4 | 91 | 2093.8 | 96 | 2093.8 | 109 | 00136000 |
| GR2094.7 | | 118 | 2095.0 | 118 | 2100.5 | 144 | 2102.8 | 170 | 2102.7 | 181 | 00137000 |
| GR2102.5 | | 186 | 2103.6 | 240 | 2103.9 | 370 | 2103.7 | 381 | 2105.3 | 426 | 00138000 |
| GR2108.0 | | 434 | 2117.5 | 453 | | | | | | | 00139000 |
| NC | .12 | .12 | .065 | | | | | | | | 00140000 |
| QT | 6 | 2770 | 5550 | 8920 | 10700 | 14630 | 10700 | | | | 00141000 |
| ET | | | | | | 8.11 | | 85 | 165 | | 00142000 |
| X1 | 2.20 | 18 | 94 | 160 | 2040 | 2160 | 2360 | | | | 00143000 |
| GR2148.6 | | 0 | 2143.0 | 14 | 2139.0 | 21 | 2135.6 | 31 | 2125.5 | 44 | 00144000 |
| GR2124.0 | | 96 | 2122.5 | 101 | 2121.8 | 106 | 2121.5 | 120 | 2121.9 | 136 | 00145000 |
| GR2122.8 | | 145 | 2123.0 | 156 | 2123.9 | 159 | 2125.0 | 160 | 2136.7 | 169 | 00146000 |
| GR2138.4 | | 180 | 2138.6 | 299 | 2148.5 | 313 | | | | | 00147000 |
| NC | .14 | .13 | .055 | | | | | | | | 00148000 |
| ET | | | | | | 8.11 | | 295 | 395 | | 00150000 |
| X1 | 2.52 | 26 | 334 | 388 | 1640 | 1800 | 1800 | | | | 00151000 |
| GR2175.0 | | 0 | 2158.1 | 1 | 2156.5 | 19 | 2155.1 | 20 | 2153.3 | 30 | 00152000 |
| GR2153.1 | | 39 | 2154.9 | 51 | 2154.5 | 66 | 2155.7 | 166 | 2152.7 | 183 | 00153000 |
| GR2151.6 | | 222 | 2153.7 | 240 | 2153.6 | 271 | 2151.4 | 306 | 2148.7 | 327 | 00154000 |
| GR2145.5 | | 334 | 2144.8 | 341 | 2144.4 | 344 | 2144.1 | 351 | 2143.0 | 361 | 00155000 |
| GR2142.5 | | 371 | 2142.2 | 381 | 2143.8 | 388 | 2145.0 | 388 | 2150.1 | 396 | 00156000 |
| GR2169.0 | | 410 | | | | | | | | | 00157000 |
| NC | .13 | .10 | .055 | | | | | | | | 00158000 |
| QT | 6 | 2740 | 5530 | 8870 | 10630 | 14600 | 10630 | | | | 00159000 |
| ET | | | | | | 8.11 | | 85 | 290 | | 00160000 |
| X1 | 2.62 | 24 | 112 | 177 | 440 | 560 | 540 | | | | 00161000 |
| GR2174.0 | | 0 | 2164.5 | 10 | 2162.3 | 14 | 2163.0 | 39 | 2162.5 | 78 | 00162000 |

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|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|----------|
| GR2161.1 | 101 | 2150.5 | 112 | 2147.4 | 115 | 2146.9 | 120 | 2146.6 | 130 | 00163000 |
| GR2146.9 | 141 | 2146.2 | 154 | 2146.8 | 167 | 2149.5 | 174 | 2150.5 | 177 | 00164000 |
| GR2155.9 | 195 | 2156.4 | 210 | 2156.6 | 215 | 2157.2 | 219 | 2158.5 | 225 | 00165000 |
| GR2158.4 | 240 | 2158.3 | 295 | 2164.3 | 366 | 2168.0 | 385 | | | 00166000 |

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|----|------|--|----|----|------|--|----|-----|--|----------|
| ET | | | | | 8.11 | | 85 | 290 | | 00166100 |
| X1 | 2.62 | | 40 | 40 | 40 | | | | | 00167000 |

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|----|------|-----|----|--------|--------|------|------|-----|--------|--------|----------|
| SB | 1.25 | 1.6 | 3 | 0 | 78.8 | 2 | 90.2 | .87 | 2145.8 | 2146.8 | 00168000 |
| ET | | | | | | 8.11 | 85 | 290 | | | 00169000 |
| X1 | 2.62 | | 30 | 30 | 30 | | | | | | 00170000 |
| X2 | | | 1 | 2157.3 | 2158.3 | | | | | | 00171000 |

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|----------|----|--------|--------|----|--------|--------|----|--------|--------|----|----------|
| BT | 13 | 5 | 2174.0 | 0 | 15 | 2165.5 | 0 | 25 | 2160.2 | 0 | 00172000 |
| BT | 27 | 2160.0 | 0 | 65 | 2160.4 | 0 | 93 | 2160.0 | 0 | 93 | 00173000 |
| BT2162.2 | 0 | 192 | 2162.2 | 0 | 192 | 2160.1 | 0 | 224 | 2158.4 | 0 | 00174000 |
| BT | 0 | 292 | 2158.3 | 0 | 362 | 2164.4 | 0 | 385 | 2168.7 | 0 | 00175000 |

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|----|------|--|----|----|------|--|----|-----|--|--|----------|
| ET | | | | | 8.11 | | 85 | 290 | | | 00175100 |
| X1 | 2.62 | | 10 | 10 | 10 | | | | | | 00176000 |

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|----------|------|--------|-----|--------|------|--------|------|--------|-----|--|----------|
| MC | .12 | .10 | .06 | | | | | | | | 00177000 |
| ET | | | | | 8.11 | | 60 | 165 | | | 00179000 |
| X1 | 2.86 | 14 | 70 | 155 | 1250 | 1180 | 1210 | | | | 00180000 |
| GR2201.2 | 0 | 2184.9 | 30 | 2184.5 | 46 | 2164.5 | 70 | 2161.6 | 74 | | 00181000 |
| GR2159.3 | 91 | 2159.3 | 114 | 2161.5 | 136 | 2164.9 | 155 | 2165.8 | 160 | | 00182000 |
| GR2169.9 | 210 | 2169.9 | 245 | 2169.6 | 297 | 2193.5 | 346 | | | | 00183000 |

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|----------|------|--------|------|--------|-------|--------|-------|--------|-----|--|----------|
| NC | .10 | .10 | .08 | | | | | | | | 00184000 |
| BT | 6 | 2720 | 5400 | 8810 | 10560 | 14500 | 10560 | | | | 00185000 |
| ET | | | | | 8.11 | | 115 | 210 | | | 00186000 |
| X1 | 3.11 | 16 | 125 | 203 | 1440 | 1040 | 1300 | | | | 00187000 |
| GR2200.8 | 0 | 2196.3 | 16 | 2191.4 | 50 | 2182.1 | 60 | 2181.8 | 91 | | 00188000 |
| GR2171.5 | 125 | 2169.8 | 132 | 2168.0 | 153 | 2168.0 | 170 | 2169.8 | 198 | | 00189000 |
| GR2172.0 | 203 | 2174.6 | 222 | 2180.3 | 225 | 2180.3 | 249 | 2178.6 | 266 | | 00190000 |
| GR2200.3 | 327 | | | | | | | | | | 00191000 |

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|----------|------|--------|-----|--------|------|--------|------|--------|-----|--|----------|
| NC | .12 | .08 | .06 | | | | | | | | 00192000 |
| ET | | | | | 8.11 | | 80 | 240 | | | 00194000 |
| X1 | 3.36 | 20 | 90 | 210 | 1040 | 1280 | 1120 | | | | 00195000 |
| GR2205.4 | 0 | 2183.8 | 65 | 2183.4 | 32 | 2181.0 | 90 | 2178.4 | 100 | | 00196000 |
| GR2176.0 | 150 | 2176.0 | 176 | 2178.5 | 199 | 2183.4 | 214 | 2183.5 | 215 | | 00197000 |
| GR2187.1 | 231 | 2187.1 | 240 | 2186.7 | 292 | 2185.9 | 332 | 2186.9 | 345 | | 00198000 |
| GR2186.9 | 503 | 2185.9 | 553 | 2185.9 | 578 | 2184.8 | 591 | 2205.7 | 643 | | 00199000 |

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|----------|------|--------|------|--------|-------|--------|-------|--------|------|--|----------|
| NH | 4 | .13 | 122 | .06 | 217 | .08 | 729 | .30 | 1239 | | 00200000 |
| BT | 6 | 2700 | 5460 | 8760 | 10490 | 14020 | 10490 | | | | 00201000 |
| ET | | | | | 8.11 | | 100 | 410 | | | 00202000 |
| X1 | 3.50 | 26 | 122 | 217 | 840 | 1000 | 870 | | | | 00203000 |
| GR2221.0 | 0 | 2200.0 | 40 | 2193.0 | 74 | 2194.2 | 97 | 2192.5 | 108 | | 00204000 |
| GR2188.9 | 122 | 2187.6 | 122 | 2186.6 | 150 | 2187.7 | 184 | 2190.3 | 217 | | 00205000 |
| GR2190.3 | 265 | 2188.8 | 282 | 2188.5 | 282 | 2186.6 | 310 | 2188.8 | 384 | | 00206000 |
| GR2191.1 | 415 | 2189.5 | 580 | 2190.8 | 729 | 2191.7 | 763 | 2191.9 | 838 | | 00207000 |
| GR2191.6 | 349 | 2191.5 | 1087 | 2195.6 | 1107 | 2195.6 | 1128 | 2199.0 | 1170 | | 00208000 |
| GR2217.9 | 1239 | | | | | | | | | | 00209000 |

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|----------|------|--------|-----|--------|------|--------|-----|--------|-----|-----|----------|
| NH | 5 | .20 | 237 | .10 | 470 | .655 | 646 | .08 | 950 | .20 | 00210000 |
| NH | 1396 | | | | | | | | | | 00210100 |
| ET | | | | | 8.11 | | 450 | 670 | | | 00212000 |
| X1 | 3.86 | 21 | 470 | 646 | 1000 | 1040 | 990 | | | | 00213000 |
| GR2236.5 | 0 | 2206.7 | 103 | 2205.3 | 237 | 2203.1 | 244 | 2203.1 | 300 | | 00214000 |

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|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|----------|
| GR2205.0 | 320 | 2205.4 | 378 | 2209.8 | 398 | 2204.0 | 415 | 2201.4 | 470 | 00215000 | |
| GR2198.0 | 479 | 2197.0 | 518 | 2197.0 | 583 | 2197.8 | 624 | 2204.4 | 646 | 00216000 | |
| GR2203.0 | 950 | 2202.3 | 1224 | 2211.6 | 1326 | 2211.8 | 1351 | 2211.4 | 1356 | 00217000 | |
| GR2253.0 | 1396 | | | | | | | | | 00218000 | |
| NC | .13 | .11 | .06 | | | | | | | 00219000 | |
| QT | 6 | 2670 | 5430 | 8710 | 10420 | 14340 | 10420 | | | 00220000 | |
| ET | | | | | | 8.11 | 90 | 225 | | 00221000 | |
| X1 | 4.00 | 17 | 100 | 197 | 320 | 800 | 520 | -2.0 | | 00222000 | |
| GR2244.2 | 0 | 2220.1 | 44 | 2221.4 | 54 | 2221.4 | 74 | 2218.1 | 91 | 00223000 | |
| GR2210.0 | 100 | 2206.7 | 105 | 2206.5 | 105 | 2205.0 | 140 | 2205.0 | 155 | 00224000 | |
| GR2206.0 | 190 | 2209.5 | 197 | 2212.0 | 245 | 2214.0 | 350 | 2227.6 | 390 | 00225000 | |
| GR2226.5 | 412 | 2245.0 | 440 | | | | | | | 00226000 | |
| ET | | | | | | 8.11 | 90 | 225 | | 00226010 | |
| X1 | 4.09 | 17 | 100 | 197 | 500 | 500 | 500 | 2.0 | | 00226100 | |
| GR2244.2 | 0 | 2220.1 | 44 | 2221.4 | 54 | 2221.4 | 74 | 2218.1 | 91 | 00226200 | |
| GR2210.0 | 100 | 2206.7 | 105 | 2206.5 | 105 | 2205.0 | 140 | 2205.0 | 155 | 00226300 | |
| GR2206.0 | 190 | 2210.0 | 197 | 2214.4 | 205 | 2216.1 | 365 | 2227.6 | 390 | 00226400 | |
| GR2226.5 | 412 | 2245.0 | 440 | | | | | | | 00226500 | |
| NC | .18 | .12 | .05 | | | | | | | 00227000 | |
| ET | | | | | | 8.11 | 140 | 285 | | 00229000 | |
| X1 | 4.25 | 28 | 185 | 276 | 680 | 600 | 760 | | | 00230000 | |
| GR2235.4 | 0 | 2221.3 | 27 | 2219.5 | 40 | 2217.7 | 61 | 2218.8 | 76 | 00231000 | |
| GR2219.8 | 98 | 2221.4 | 110 | 2222.9 | 140 | 2223.0 | 155 | 2222.4 | 174 | 00232000 | |
| GR2214.5 | 185 | 2213.2 | 192 | 2213.4 | 205 | 2213.9 | 215 | 2213.9 | 245 | 00233000 | |
| GR2213.5 | 255 | 2213.7 | 260 | 2213.2 | 266 | 2214.0 | 273 | 2215.0 | 276 | 00234000 | |
| GR2218.0 | 285 | 2223.6 | 295 | 2225.3 | 310 | 2226.5 | 316 | 2225.1 | 332 | 00235000 | |
| GR2223.9 | 341 | 2225.0 | 345 | 2235.0 | 360 | | | | | 00236000 | |
| NC | .05 | .05 | .05 | | | | | | | 00236100 | |
| ET | | | | | | 8.11 | 140 | 285 | | 00237000 | |
| X1 | 4.25 | | | 40 | 40 | 40 | | | | 00238000 | |
| ET | | | | | | 8.11 | 140 | 285 | | 00239000 | |
| X1 | 4.25 | 30 | 186 | 274 | 1 | 1 | 1 | | | 00240000 | |
| BT | 10 | 154 | 2224.4 | 0 | 184 | 2225.8 | 0 | 184 | 2227.2 | 0 | 00241000 |
| BT | 186 | 2227.2 | 0 | 186 | 2227.2 | 2223.0 | 274 | 2227.9 | 2223.0 | 274 | 00242000 |
| BT | 2227.9 | 0 | 275 | 2227.9 | 0 | 275 | 2225.7 | 0 | 311 | 2225.4 | 00243000 |
| BT | 0 | | | | | | | | | | 00244000 |
| GR2235.0 | 12 | 2231.0 | 25 | 2224.5 | 32 | 2219.4 | 40 | 2219.6 | 75 | 00245000 | |
| GR2224.4 | 154 | 2225.8 | 184 | 2225.8 | 186 | 2213.6 | 186 | 2212.9 | 200 | 00246000 | |
| GR2213.1 | 210 | 2213.6 | 220 | 2214.1 | 229 | 2223.0 | 229 | 2223.0 | 231 | 00247000 | |
| GR2213.9 | 231 | 2213.2 | 240 | 2213.0 | 250 | 2213.3 | 257 | 2212.8 | 267 | 00248000 | |
| GR2213.7 | 274 | 2225.7 | 274 | 2225.7 | 275 | 2225.4 | 311 | 2226.5 | 316 | 00249000 | |
| GR2225.1 | 338 | 2224.5 | 339 | 2224.3 | 343 | 2225.0 | 345 | 2235.0 | 360 | 00250000 | |
| ET | | | | | | 8.11 | 140 | 285 | | 00251000 | |
| X1 | 4.25 | | | 30 | 30 | 30 | | | | 00252000 | |
| Y2 | | | | | | 1 | | | | 00253000 | |
| ET | | | | | | 8.11 | 140 | 285 | | 00253100 | |
| X1 | 4.25 | 28 | 185 | 276 | 1 | 1 | 1 | | | 00255000 | |
| GR2235.4 | 0 | 2221.3 | 27 | 2219.5 | 40 | 2217.7 | 61 | 2218.8 | 76 | 00256000 | |
| GR2219.8 | 98 | 2221.4 | 110 | 2222.9 | 140 | 2223.0 | 155 | 2222.4 | 174 | 00257000 | |
| GR2214.5 | 185 | 2213.2 | 192 | 2213.4 | 205 | 2213.9 | 215 | 2213.9 | 245 | 00258000 | |
| GR2213.5 | 255 | 2213.7 | 260 | 2213.2 | 266 | 2214.0 | 273 | 2215.0 | 276 | 00259000 | |
| GR2218.0 | 285 | 2223.6 | 295 | 2225.3 | 310 | 2226.5 | 316 | 2225.1 | 338 | 00260000 | |
| GR2223.9 | 341 | 2225.0 | 345 | 2235.0 | 360 | | | | | 00261000 | |

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|----------|------|------|--------|------|--------|-------|--------|-----|--------|----------|----------|
| NC | .10 | .12 | .05 | | | | | | | 00261100 | |
| ET | | | | | | | 8.11 | 140 | 285 | 00262000 | |
| X1 | 4.25 | | | 20 | 20 | 20 | | | | 00263000 | |
| NC | .13 | .10 | .05 | | | | | | | 00264000 | |
| QT | 6 | 2650 | 5390 | 8640 | 10330 | 14230 | 10330 | | | 00265000 | |
| ET | | | | | | | 8.11 | 80 | 175 | 00266000 | |
| X1 | 4.56 | 16 | 87 | 164 | 1600 | 1600 | 1600 | | | 00267000 | |
| GR2269.3 | | 0 | 2225.5 | 87 | 2223.7 | 91 | 2220.2 | 100 | 2220.2 | 138 | 00268000 |
| GR2224.0 | | 162 | 2225.5 | 164 | 2230.0 | 172 | 2239.0 | 221 | 2238.5 | 246 | 00269000 |
| GR2237.0 | | 249 | 2239.8 | 255 | 2230.8 | 262 | 2241.2 | 340 | 2251.1 | 489 | 00270000 |
| GR2260.3 | | 580 | | | | | | | | | 00271000 |
| NC | .13 | .13 | .05 | | | | | | | 00272000 | |
| QT | 6 | 2640 | 5380 | 8620 | 10310 | 14200 | 10310 | | | 00273000 | |
| ET | | | | | | | 8.11 | 95 | 195 | 00274000 | |
| X1 | 4.75 | 15 | 106 | 184 | 1000 | 970 | 1000 | | | 00275000 | |
| GR2271.2 | | 0 | 2252.0 | 35 | 2252.0 | 50 | 2244.7 | 95 | 2239.0 | 106 | 00276000 |
| GR2235.7 | | 112 | 2230.9 | 135 | 2230.9 | 155 | 2235.7 | 177 | 2241.0 | 184 | 00277000 |
| GR2252.8 | | 197 | 2254.1 | 216 | 2253.2 | 235 | 2252.4 | 239 | 2291.4 | 305 | 00278000 |
| ET | | | | | | | 8.11 | 95 | 195 | 00278001 | |
| X1 | 4.85 | | | 550 | 550 | 550 | | | | 00279010 | |
| ET | | | | | | | 8.11 | 95 | 195 | 00278011 | |
| X1 | 5.05 | | | 1020 | 1020 | 1020 | | | 15 | 00278100 | |
| NC | .12 | .10 | .055 | | | | | | | 00279000 | |
| QT | 6 | 2610 | 5350 | 8560 | 10240 | 14110 | 10240 | | | 00280000 | |
| ET | | | | | | | 8.11 | 50 | 220 | 00281000 | |
| X1 | 5.20 | 18 | 57 | 207 | 860 | 700 | 770 | | | 00282000 | |
| GR2286.7 | | 0 | 2271.0 | 31 | 2271.0 | 42 | 2261.5 | 57 | 2258.0 | 62 | 00283000 |
| GR2257.1 | | 92 | 2258.1 | 136 | 2261.1 | 152 | 2261.1 | 162 | 2258.0 | 172 | 00284000 |
| GR2257.1 | | 194 | 2258.0 | 197 | 2261.5 | 207 | 2265.9 | 219 | 2271.0 | 227 | 00285000 |
| GR2271.0 | | 254 | 2268.7 | 259 | 2320.0 | 327 | | | | | 00286000 |
| NC | .15 | .12 | .06 | | | | | | | 00287000 | |
| ET | | | | | | | 8.11 | 105 | 235 | 00289000 | |
| X1 | 5.41 | 18 | 115 | 226 | 1120 | 1120 | 1120 | | | 00290000 | |
| GR2307.5 | | 0 | 2275.1 | 72 | 2273.1 | 95 | 2268.9 | 115 | 2267.0 | 125 | 00291000 |
| GR2265.7 | | 155 | 2265.7 | 182 | 2266.9 | 211 | 2268.7 | 226 | 2270.9 | 246 | 00292000 |
| GR2274.3 | | 311 | 2277.5 | 393 | 2274.1 | 443 | 2276.4 | 469 | 2276.4 | 489 | 00293000 |
| GR2276.1 | | 654 | 2276.1 | 859 | 2306.0 | 976 | | | | | 00294000 |
| NC | .14 | .10 | .045 | | | | | | | 00295000 | |
| QT | 6 | 2590 | 5320 | 8500 | 10160 | 14020 | 10160 | | | 00296000 | |
| ET | | | | | | | 8.11 | 160 | 285 | 00297000 | |
| X1 | 5.70 | 19 | 169 | 278 | 1160 | 1920 | 1500 | | | 00298000 | |
| GR2319.5 | | 0 | 2291.8 | 72 | 2291.8 | 95 | 2286.7 | 129 | 2283.8 | 169 | 00299000 |
| GR2281.7 | | 178 | 2280.2 | 220 | 2280.2 | 228 | 2281.7 | 269 | 2283.9 | 274 | 00300000 |
| GR2289.3 | | 286 | 2290.1 | 293 | 2290.1 | 312 | 2294.6 | 412 | 2310.3 | 514 | 00301000 |
| GR2312.6 | | 538 | 2312.8 | 550 | 2312.3 | 556 | 2317.1 | 617 | | | 00302000 |
| NC | .13 | .06 | .045 | | | | | | | 00303000 | |
| ET | | | | | | | 8.11 | 550 | 670 | 00305000 | |
| X1 | 5.84 | 13 | 563 | 659 | 585 | 585 | 585 | | | 00306000 | |
| GR2300.5 | | 67 | 2297.7 | 327 | 2297.0 | 457 | 2295.4 | 498 | 2295.7 | 563 | 00308000 |
| GR2285.7 | | 591 | 2283.9 | 611 | 2283.9 | 622 | 2285.7 | 637 | 2298.2 | 659 | 00309000 |
| GR2298.2 | | 678 | 2297.6 | 686 | 2347.2 | 754 | | | | | 00310000 |

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|----------|------|------|--------|------|--------|-------|--------|-----|--------|--------------|
| NC | .12 | .10 | .045 | | | | | | | 00311000 |
| OT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | | | 00312000 |
| ET | | | | | | 8.11 | 340 | 445 | | 00313000 |
| X1 | 5.96 | 17 | 352 | 434 | 600 | 450 | 500 | | | 00314000 |
| GR2344.8 | | 0 | 2313.1 | 69 | 2305.3 | 97 | 2308.2 | 140 | 2309.2 | 189 00315000 |
| GR2308.1 | | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.8 | 352 00316000 |
| GR2293.8 | | 434 | 2295.1 | 434 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 00317000 |
| GR2303.6 | | 556 | 2333.2 | 601 | | | | | | 00318000 |
| EJ | | | | | | | | | | 00319000 |

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|----|-----------------------|---|----|-------------|--|--|------|--|--|----------|
| T1 | CHEROKEE INDIAN LANDS | | | DSN=RAVENFK | | | | | | 00330000 |
| T2 | 100-YEAR FLOODWAY | | | H011270 JHN | | | | | | 00331000 |
| T3 | RAVEN FORK | | | | | | | | | 00332000 |
| J1 | | 7 | | .00729 | | | 2025 | | | 00333000 |
| J2 | 15 | | -1 | | | | | | | 00334000 |
| | | | | | | | | | | 00340000 |
| | | | | | | | | | | 00341000 |
| | | | | | | | | | | 00342000 |
| ER | | | | | | | | | | 00343000 |

| | | | |
|----|-----------------------|-------------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFW | 00001000 |
| T2 | 100-YEAR FLOOD | H011270 JHN | 00002000 |
| T3 | RAVEN FORK | 100-YEAR FLOODWAY | 00003000 |

.210 - NOTE - NC CARD - NXL = .000 MAY NOT BE A REASONABLE VALUE

.210 - NOTE - NC CARD - XNR = .000 MAY NOT BE A REASONABLE VALUE

.210 - NOTE - NC CARD - XNCH = .000 MAY NOT BE A REASONABLE VALUE

.210 - NOTE - NH CARD - VALN = .300 MAY NOT BE A REASONABLE VALUE

| | | | |
|----|-----------------------|-------------|----------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 00330000 |
| T2 | 100-YEAR FLOODWAY | H011270 JHN | 00331000 |
| T3 | RAVEN FORK | | 00332000 |

INPUT CARD LISTING

| | | | | | | | | | | | |
|----------|-----------------------|--------|--------|--------|--------|-------------------|--------|--------|--------|--------|-------|
| T1 | CHEROKEE INDIAN LANDS | | | | | OSN=RAVENFW | | | | 1000 | |
| T2 | 100-YEAR FLOOD | | | | | H011270 JHN | | | | 2000 | |
| T3 | RAVEN FORK | | | | | 100-YEAR FLOODWAY | | | | 3000 | |
| J1 | 5 | | .00729 | | | | | 2025 | | 4000 | |
| J2 | | | | -1 | | | | | | 5000 | |
| J3 | 110 | 0 | 200 | | | | | | | 6000 | |
| J6 | 1 | | | | | | | | | 7000 | |
| NC | | | | .1 | .5 | | | | | 8000 | |
| NH | 5 | .06 | 606 | .13 | 768 | .05 | 857 | .13 | 1006 | .06 | 9000 |
| NH | 1650 | | | | | | | | | | 10000 |
| O1 | 6 | 2800 | 5700 | 9100 | 10900 | 15000 | 10900 | | | | 11000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 12000 |
| X1 | 0.21 | 27 | 768 | 857 | | | | | | | 13000 |
| GR2031.4 | | 0 | 2029.4 | 50 | 2025.0 | 228 | 2025.0 | 250 | 2026.7 | 406 | 14000 |
| GR2025.1 | | 606 | 2026.9 | 706 | 2026.2 | 747 | 2019.5 | 768 | 2016.8 | 769 | 15000 |
| GR2014.9 | | 777 | 2014.6 | 808 | 2014.9 | 830 | 2015.2 | 840 | 2016.5 | 850 | 16000 |
| GR2016.9 | | 850 | 2020.9 | 857 | 2023.5 | 869 | 2024.9 | 892 | 2023.2 | 907 | 17000 |
| GR2022.6 | | 921 | 2024.1 | 1006 | 2022.6 | 1107 | 2023.3 | 1209 | 2026.1 | 1406 | 18000 |
| GR2027.8 | | 1490 | 2028.8 | 1650 | | | | | | | 19000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 19100 |
| X1 | 0.21 | | | 40 | 40 | 40 | | | | | 20000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 20100 |
| X1 | 0.21 | 35 | 768 | 857 | 1 | 1 | 1 | | | | 21000 |
| RT | 16 | 694 | 2028.2 | 0 | 754 | 2030.1 | 0 | 754 | 2032.8 | 0 | 22000 |
| RT | 768 | 2033.7 | 0 | 768 | 2033.7 | 2020.0 | 770 | 2033.8 | 2023.5 | 773 | 23000 |
| RT | 2033.9 | 2025.5 | 789 | 2034.0 | 2027.3 | 810 | 2034.4 | 2029.4 | 830 | 2034.8 | 24000 |
| RT | 2027.2 | 850 | 2034.1 | 2023.5 | 857 | 2033.6 | 2020.9 | 857 | 2033.6 | 0 | 25000 |
| RT | 861 | 2033.3 | 0 | 861 | 2030.1 | 0 | 916 | 2027.8 | 0 | | 26000 |
| GR2031.4 | | 0 | 2024.4 | 50 | 2027.8 | 150 | 2027.7 | 254 | 2028.3 | 350 | 27000 |
| GR2028.2 | | 450 | 2027.6 | 550 | 2027.7 | 606 | 2027.8 | 653 | 2028.2 | 694 | 28000 |
| GR2030.1 | | 754 | 2033.7 | 768 | 2019.5 | 768 | 2018.7 | 770 | 2017.7 | 773 | 29000 |
| GR2013.4 | | 789 | 2013.9 | 800 | 2014.4 | 810 | 2015.3 | 830 | 2015.5 | 840 | 30000 |
| GR2016.0 | | 848 | 2016.5 | 850 | 2018.9 | 850 | 2020.9 | 857 | 2033.6 | 857 | 31000 |
| GR2033.3 | | 861 | 2030.1 | 861 | 2027.8 | 916 | 2026.8 | 951 | 2026.0 | 1006 | 32000 |
| GR2025.3 | | 1052 | 2025.3 | 1152 | 2026.9 | 1360 | 2028.3 | 1550 | 2028.8 | 1650 | 33000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 34000 |
| X1 | 0.21 | | | 30 | 30 | 30 | | | | | 35000 |
| X2 | | | | | | | | | | | 36000 |
| NH | 5 | .06 | 606 | .13 | 768 | .05 | 857 | .13 | 1006 | .13 | 37000 |
| NH | 1650 | | | | | | | | | | 38000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 39000 |
| X1 | 0.21 | 27 | 768 | 857 | 1 | 1 | 1 | | | | 40000 |
| GR2031.4 | | 0 | 2024.4 | 50 | 2025.0 | 228 | 2025.0 | 250 | 2026.7 | 406 | 41000 |
| GR2025.1 | | 606 | 2026.9 | 706 | 2026.2 | 747 | 2019.5 | 768 | 2016.8 | 769 | 42000 |
| GR2014.9 | | 777 | 2014.6 | 808 | 2014.9 | 830 | 2015.2 | 840 | 2016.5 | 850 | 43000 |
| GR2016.9 | | 850 | 2020.9 | 857 | 2023.5 | 869 | 2024.9 | 892 | 2023.2 | 907 | 44000 |
| GR2022.6 | | 921 | 2024.1 | 1006 | 2022.6 | 1107 | 2023.3 | 1209 | 2026.1 | 1406 | 45000 |
| GR2027.8 | | 1490 | 2028.8 | 1650 | | | | | | | 46000 |
| NH | 5 | .06 | 606 | .13 | 768 | .05 | 857 | .13 | 1107 | .30 | 47000 |
| NH | 1650 | | | | | | | | | | 48000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 48100 |
| X1 | 0.21 | | | 40 | 40 | 40 | | | | | 49000 |
| ET | | | | | | | 8.11 | 750 | 900 | | 49100 |
| X1 | .40 | | | 930 | 930 | 930 | | | 6 | | 50000 |
| NC | .13 | .13 | .05 | | | | | | | | 51000 |
| ET | | | | | | | 8.11 | 400 | 525 | | 53000 |

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|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 0.56 | 31 | 409 | 515 | 700 | 830 | 830 | | | 54000 | |
| GR2054.0 | | 0 | 2042.2 | 117 | 2041.2 | 55 | 2040.0 | 76 | 2041.7 | 82 | 55000 |
| GR2040.7 | | 103 | 2040.1 | 109 | 2041.9 | 118 | 2040.4 | 143 | 2039.7 | 255 | 56000 |
| GR2039.9 | | 323 | 2045.6 | 343 | 2044.8 | 360 | 2035.5 | 383 | 2032.7 | 409 | 57000 |
| GR2029.5 | | 417 | 2029.0 | 417 | 2027.6 | 425 | 2027.4 | 435 | 2027.3 | 450 | 58000 |
| GR2028.1 | | 495 | 2029.0 | 502 | 2029.6 | 502 | 2037.0 | 515 | 2037.5 | 535 | 59000 |
| GR2042.4 | | 546 | 2042.1 | 555 | 2043.4 | 755 | 2047.0 | 835 | 2052.4 | 935 | 60000 |
| GR2057.0 | | 991 | | | | | | | | | 61000 |
| NC | .13 | .12 | .06 | | | | | | | | 62000 |
| ET | | | | | | 8.11 | 395 | 550 | | | 64000 |
| X1 | 0.60 | 27 | 433 | 541 | 55 | 210 | 150 | | | | 65000 |
| GR2055.0 | | 305 | 2052.9 | 327 | 2048.9 | 340 | 2047.5 | 383 | 2037.1 | 411 | 66000 |
| GR2034.7 | | 453 | 2032.5 | 434 | 2031.1 | 439 | 2030.9 | 455 | 2031.2 | 485 | 67000 |
| GR2031.0 | | 500 | 2031.3 | 515 | 2032.3 | 524 | 2033.0 | 524 | 2038.1 | 541 | 68000 |
| GR2037.9 | | 560 | 2042.6 | 589 | 2042.6 | 605 | 2043.6 | 700 | 2044.9 | 793 | 69000 |
| GR2044.7 | | 809 | 2044.0 | 811 | 2044.9 | 817 | 2047.1 | 850 | 2048.4 | 950 | 70000 |
| GR2052.2 | | 1050 | 2055.0 | 1084 | | | | | | | 71000 |
| ET | | | | | | 8.11 | 395 | 550 | | | 72000 |
| X1 | 0.60 | | | | 40 | 40 | 40 | | | | 73000 |
| X3 | 10 | | | | | | | 2035.0 | 2044.0 | | 74000 |
| SB | 1.25 | 1.6 | 3 | 0 | 101 | 4 | 1248 | 1.5 | 2031.1 | 2031.1 | 75000 |
| ET | | | | | | | 8.11 | 395 | 550 | | 76000 |
| X1 | 0.60 | 30 | 433 | 540 | 30 | 30 | 30 | | | | 77000 |
| Y2 | | | 1 | 2042.1 | 2046.5 | | | | | | 78000 |
| X3 | 10 | | | | | | | 2035.0 | 2046.5 | | 79000 |
| RT | 18 | 305 | 2055.0 | 0 | 327 | 2052.9 | 0 | 340 | 2048.9 | 0 | 80000 |
| RT | 383 | 2047.5 | 0 | 406 | 2047.5 | 0 | 406 | 2047.5 | 2048.8 | 540 | 81000 |
| RT | 2048.2 | 2042.4 | 540 | 2048.2 | 0 | 545 | 2048.2 | 0 | 545 | 2048.2 | 82000 |
| RT | 0 | 609 | 2048.8 | 0 | 609 | 2046.6 | 0 | 700 | 2047.5 | 0 | 83000 |
| RT | 800 | 2048.0 | 0 | 910 | 2047.5 | 0 | 950 | 2048.4 | 0 | 1050 | 84000 |
| RT | 2052.2 | 0 | 1084 | 2055.0 | 0 | | | | | | 85000 |
| GR2055.0 | | 305 | 2052.9 | 327 | 2048.9 | 340 | 2047.5 | 383 | 2039.0 | 406 | 86000 |
| GR2037.1 | | 411 | 2034.7 | 433 | 2032.5 | 434 | 2031.1 | 439 | 2030.9 | 455 | 87000 |
| GR2031.2 | | 485 | 2031.0 | 500 | 2031.3 | 515 | 2032.3 | 524 | 2033.0 | 524 | 88000 |
| GR2038.1 | | 540 | 2038.0 | 545 | 2037.9 | 569 | 2042.6 | 589 | 2042.6 | 609 | 89000 |
| GR2043.6 | | 790 | 2044.9 | 793 | 2044.7 | 800 | 2044.0 | 811 | 2044.9 | 817 | 90000 |
| GR2047.1 | | 850 | 2047.9 | 910 | 2048.4 | 950 | 2052.2 | 1050 | 2055.0 | 1084 | 91000 |
| ET | | | | | | 8.11 | 395 | 550 | | | 92000 |
| X1 | 0.60 | | | | 10 | 10 | 10 | | | | 93000 |
| NC | .13 | .13 | .06 | | | | | | | | 94000 |
| ET | | | | | | 8.11 | 240 | 340 | | | 96000 |
| X1 | 0.80 | 21 | 250 | 330 | 1150 | 1020 | 1090 | | | | 97000 |
| GR2068.0 | | 192 | 2064.0 | 201 | 2060.0 | 210 | 2056.0 | 222 | 2052.0 | 232 | 98000 |
| GR2048.0 | | 240 | 2040.0 | 250 | 2039.6 | 257 | 2039.1 | 260 | 2038.6 | 260 | 99000 |
| GR2038.0 | | 266 | 2038.0 | 310 | 2038.4 | 315 | 2038.9 | 315 | 2039.4 | 322 | 100000 |
| GR2040.0 | | 330 | 2040.0 | 336 | 2052.0 | 342 | 2056.0 | 352 | 2060.0 | 365 | 101000 |
| GR2080.0 | | 372 | | | | | | | | | 102000 |
| NC | .13 | .13 | .06 | | | | | | | | 103000 |
| QT | 6 | 2800 | 5610 | 9040 | 10600 | 14890 | 10840 | | | | 104000 |
| ET | | | | | | 8.11 | 240 | 340 | | | 105000 |
| X1 | 0.94 | 34 | 251 | 320 | 760 | 760 | 760 | | | | 106000 |
| GR2064.1 | | 0 | 2060.5 | 20 | 2058.5 | 58 | 2057.1 | 128 | 2056.0 | 228 | 107000 |
| GR2045.9 | | 251 | 2044.8 | 258 | 2043.4 | 259 | 2042.5 | 259 | 2042.0 | 262 | 108000 |
| GR2041.7 | | 270 | 2041.5 | 280 | 2041.5 | 290 | 2042.0 | 310 | 2042.6 | 315 | 109000 |
| GR2043.5 | | 315 | 2045.6 | 320 | 2047.4 | 327 | 2048.5 | 347 | 2049.2 | 372 | 110000 |
| GR2051.9 | | 396 | 2057.1 | 409 | 2056.2 | 415 | 2056.4 | 427 | 2057.9 | 430 | 111000 |
| GR2056.6 | | 467 | 2057.5 | 475 | 2060.5 | 487 | 2060.7 | 492 | 2060.0 | 512 | 112000 |
| GR2057.9 | | 520 | 2059.7 | 525 | 2060.7 | 537 | 2065.5 | 546 | | | 113000 |
| NC | .13 | .13 | .06 | | | | | | | | 114000 |
| QT | 6 | 2800 | 5610 | 9010 | 10610 | 14810 | 10810 | | | | 115000 |

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|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ET | | | | | | 8.11 | 25 | 115 | | 116000 | |
| X1 | 1.42 | 21 | 35 | 164 | 2560 | 2840 | 2720 | | | 117000 | |
| GR2091.5 | | 0 | 2068.0 | 35 | 2067.0 | 35 | 2065.1 | 41 | 2065.5 | 50 | 118000 |
| GR2065.9 | | 71 | 2065.9 | 85 | 2066.1 | 96 | 2067.5 | 101 | 2069.9 | 104 | 119000 |
| GR2074.5 | | 132 | 2078.6 | 146 | 2080.0 | 176 | 2080.0 | 184 | 2081.6 | 189 | 120000 |
| GR2082.0 | | 209 | 2080.5 | 215 | 2080.9 | 232 | 2082.4 | 254 | 2088.0 | 274 | 121000 |
| GR2092.0 | | 286 | | | | | | | | | 122000 |
| NC | .10 | .10 | .06 | | | | | | | | 123000 |
| ET | | | | | | 8.11 | 120 | 210 | | 125000 | |
| X1 | 1.64 | 20 | 147 | 291 | 1280 | 1280 | 1280 | | | 126000 | |
| GR2112.2 | | 0 | 2108.5 | 11 | 2100.7 | 25 | 2097.0 | 90 | 2093.9 | 127 | 127000 |
| GR2090.9 | | 137 | 2090.6 | 147 | 2089.6 | 147 | 2088.5 | 153 | 2088.9 | 167 | 128000 |
| GR2089.4 | | 176 | 2089.1 | 183 | 2087.9 | 189 | 2088.0 | 195 | 2090.1 | 201 | 129000 |
| GR2103.7 | | 216 | 2103.4 | 234 | 2103.2 | 237 | 2108.5 | 241 | 2113.5 | 246 | 130000 |
| NC | .12 | .10 | .06 | | | | | | | | 131000 |
| ET | | | | | | 8.11 | 15 | 130 | | 133000 | |
| X1 | 1.76 | 22 | 26 | 118 | 640 | 720 | 640 | | | 134000 | |
| GR2117.5 | | 0 | 2098.0 | 20 | 2097.0 | 26 | 2095.0 | 28 | 2094.0 | 28 | 135000 |
| GR2093.2 | | 31 | 2092.8 | 51 | 2093.4 | 91 | 2093.8 | 96 | 2093.8 | 109 | 136000 |
| GR2094.7 | | 118 | 2095.0 | 118 | 2100.5 | 144 | 2102.8 | 170 | 2102.7 | 181 | 137000 |
| GR2102.3 | | 186 | 2103.6 | 200 | 2103.9 | 370 | 2103.7 | 381 | 2105.3 | 426 | 138000 |
| GR2108.0 | | 434 | 2117.5 | 453 | | | | | | | 139000 |
| NC | .12 | .12 | .065 | | | | | | | | 140000 |
| QT | 6 | 2770 | 5550 | 8920 | 10700 | 14670 | 10700 | | | | 141000 |
| ET | | | | | | 8.11 | 85 | 165 | | 142000 | |
| X1 | 2.20 | 18 | 94 | 160 | 2640 | 2160 | 2360 | | | 143000 | |
| GR2148.6 | | 0 | 2143.0 | 14 | 2139.0 | 21 | 2135.6 | 31 | 2125.5 | 94 | 144000 |
| GR2124.0 | | 95 | 2122.5 | 101 | 2121.8 | 106 | 2121.5 | 120 | 2121.9 | 136 | 145000 |
| GR2122.8 | | 145 | 2123.0 | 156 | 2123.9 | 159 | 2125.0 | 160 | 2138.7 | 169 | 146000 |
| GR2138.4 | | 180 | 2138.6 | 240 | 2146.5 | 313 | | | | | 147000 |
| NC | .14 | .13 | .055 | | | | | | | | 148000 |
| ET | | | | | | 8.11 | 295 | 395 | | 150000 | |
| X1 | 2.52 | 26 | 334 | 388 | 1640 | 1800 | 1800 | | | 151000 | |
| GR2175.0 | | 0 | 2158.1 | 1 | 2156.5 | 19 | 2155.1 | 20 | 2153.3 | 30 | 152000 |
| GR2153.1 | | 30 | 2154.9 | 51 | 2154.5 | 66 | 2155.7 | 166 | 2152.7 | 186 | 153000 |
| GR2151.6 | | 222 | 2153.7 | 244 | 2153.6 | 271 | 2151.4 | 306 | 2148.7 | 327 | 154000 |
| GR2145.5 | | 334 | 2144.8 | 341 | 2144.4 | 344 | 2144.1 | 351 | 2143.0 | 361 | 155000 |
| GR2142.5 | | 371 | 2142.2 | 361 | 2143.8 | 388 | 2145.0 | 388 | 2150.1 | 396 | 156000 |
| GR2169.0 | | 410 | | | | | | | | | 157000 |
| NC | .13 | .10 | .055 | | | | | | | | 158000 |
| QT | 6 | 2740 | 5530 | 8870 | 10630 | 14600 | 10630 | | | | 159000 |
| ET | | | | | | 8.11 | 85 | 290 | | 160000 | |
| X1 | 2.62 | 24 | 112 | 177 | 440 | 560 | 540 | | | 161000 | |
| GR2174.0 | | 0 | 2164.5 | 10 | 2162.3 | 14 | 2163.0 | 39 | 2162.5 | 78 | 162000 |
| GR2161.1 | | 101 | 2150.5 | 112 | 2147.4 | 115 | 2146.9 | 120 | 2146.6 | 130 | 163000 |
| GR2146.4 | | 141 | 2146.2 | 154 | 2146.8 | 167 | 2149.5 | 174 | 2150.5 | 177 | 164000 |
| GR2155.9 | | 145 | 2150.4 | 210 | 2156.6 | 215 | 2157.2 | 219 | 2158.5 | 225 | 165000 |
| GR2158.4 | | 240 | 2158.3 | 245 | 2164.3 | 366 | 2168.0 | 385 | | | 166000 |
| ET | | | | | | 8.11 | 85 | 290 | | 166100 | |
| X1 | 2.62 | | | | 40 | 40 | 40 | | | 167000 | |
| SB | 1.25 | 1.6 | 3 | 0 | 78.8 | 2 | 902 | .87 | 2146.8 | 2146.8 | 168000 |
| ET | | | | | | 8.11 | 85 | 290 | | 169000 | |
| X1 | 2.62 | | | | 30 | 30 | 30 | | | 170000 | |
| X2 | | | 1 | 2157.3 | 2158.3 | | | | | 171000 | |
| RT | 13 | 5 | 2174.0 | 0 | 15 | 2165.5 | 0 | 25 | 2160.2 | 0 | 172000 |
| RT | 27 | 2160.0 | 0 | 65 | 2160.4 | 0 | 93 | 2160.0 | 0 | 93 | 173000 |
| RT2162.2 | | 0 | 192 | 2162.2 | 0 | 192 | 2160.1 | 0 | 224 | 2158.4 | 174000 |
| RT | 0 | 242 | 2158.3 | 0 | 362 | 2164.4 | 0 | 385 | 2168.7 | 0 | 175000 |
| ET | | | | | | 8.11 | 85 | 290 | | 175100 | |
| X1 | 2.62 | | | | 10 | 10 | 10 | | | 176000 | |

| | | | | | | | | | | | |
|----------|------|------|--------|------|--------|-------|--------|------|--------|--------|--------|
| NC | .12 | .10 | .06 | | | | | | | 177000 | |
| FT | | | | | | 8.11 | 60 | 165 | | 179000 | |
| X1 | 2.86 | 14 | 70 | 155 | 1250 | 1180 | 1210 | | | 180000 | |
| GR2201.2 | | 0 | 2184.9 | 30 | 2184.5 | 46 | 2164.5 | 70 | 2161.6 | 74 | 181000 |
| GR2159.3 | | 91 | 2159.3 | 114 | 2161.5 | 136 | 2164.9 | 155 | 2165.8 | 160 | 182000 |
| GR2169.9 | | 210 | 2169.9 | 245 | 2169.6 | 297 | 2193.5 | 346 | | | 183000 |
| NC | .10 | .10 | .06 | | | | | | | 184000 | |
| QT | 6 | 2720 | 5490 | 8810 | 10560 | 14500 | 10560 | | | 185000 | |
| ET | | | | | | 8.11 | 115 | 210 | | 186000 | |
| X1 | 3.11 | 16 | 125 | 203 | 1440 | 1040 | 1300 | | | 187000 | |
| GR2200.8 | | 0 | 2196.3 | 15 | 2191.4 | 50 | 2182.1 | 80 | 2181.8 | 91 | 188000 |
| GR2171.5 | | 125 | 2169.8 | 132 | 2168.0 | 153 | 2168.0 | 170 | 2169.8 | 198 | 189000 |
| GR2172.0 | | 203 | 2179.6 | 222 | 2180.3 | 225 | 2180.3 | 249 | 2178.6 | 266 | 190000 |
| GR2200.3 | | 327 | | | | | | | | | 191000 |
| NC | .12 | .08 | .06 | | | | | | | 192000 | |
| FT | | | | | | 8.11 | 80 | 240 | | 194000 | |
| X1 | 3.36 | 20 | 90 | 214 | 1040 | 1280 | 1120 | | | 195000 | |
| GR2205.4 | | 0 | 2183.8 | 65 | 2183.4 | 82 | 2181.0 | 90 | 2178.4 | 100 | 196000 |
| GR2176.0 | | 150 | 2176.0 | 176 | 2178.5 | 199 | 2183.4 | 214 | 2183.5 | 215 | 197000 |
| GR2187.1 | | 251 | 2187.1 | 240 | 2186.7 | 292 | 2185.9 | 332 | 2186.9 | 345 | 198000 |
| GR2186.9 | | 503 | 2185.9 | 553 | 2185.9 | 578 | 2184.8 | 591 | 2205.7 | 643 | 199000 |
| NH | 4 | 13 | 122 | 06 | 217 | 08 | 729 | 30 | 1239 | | 200000 |
| QT | 6 | 2700 | 5460 | 8760 | 10490 | 14420 | 10490 | | | | 201000 |
| FT | | | | | | 8.11 | 100 | 410 | | 202000 | |
| X1 | 3.58 | 26 | 122 | 217 | 840 | 1000 | 870 | | | 203000 | |
| GR2221.0 | | 0 | 2200.0 | 40 | 2193.0 | 74 | 2194.2 | 97 | 2192.5 | 108 | 204000 |
| GR2188.9 | | 122 | 2187.6 | 122 | 2186.6 | 150 | 2187.7 | 184 | 2190.3 | 217 | 205000 |
| GR2190.3 | | 265 | 2188.8 | 282 | 2188.5 | 282 | 2186.6 | 314 | 2188.6 | 384 | 206000 |
| GR2191.1 | | 415 | 2189.5 | 580 | 2190.8 | 729 | 2191.7 | 763 | 2191.9 | 838 | 207000 |
| GR2191.6 | | 649 | 2191.5 | 1067 | 2195.6 | 1107 | 2195.6 | 1128 | 2199.4 | 1170 | 208000 |
| GR2217.9 | | 1239 | | | | | | | | | 209000 |
| NH | 5 | 20 | 237 | 10 | 470 | 055 | 646 | 08 | 950 | 20 | 210000 |
| NH | 1396 | | | | | | | | | | 210100 |
| FT | | | | | | 8.11 | 450 | 670 | | 212000 | |
| X1 | 3.86 | 21 | 470 | 646 | 1000 | 1040 | 990 | | | 213000 | |
| GR2236.5 | | 0 | 2206.7 | 103 | 2205.3 | 237 | 2203.1 | 244 | 2203.1 | 300 | 214000 |
| GR2205.0 | | 320 | 2205.4 | 378 | 2204.8 | 398 | 2204.0 | 415 | 2201.4 | 470 | 215000 |
| GR2198.0 | | 479 | 2197.0 | 513 | 2197.6 | 583 | 2197.8 | 624 | 2204.4 | 646 | 216000 |
| GR2203.0 | | 950 | 2202.3 | 1224 | 2211.6 | 1324 | 2211.6 | 1351 | 2211.4 | 1356 | 217000 |
| GR2253.0 | | 1396 | | | | | | | | | 218000 |
| NC | .13 | .11 | .06 | | | | | | | 219000 | |
| QT | 6 | 2670 | 5430 | 8710 | 10420 | 14340 | 10420 | | | 220000 | |
| FT | | | | | | 8.11 | 90 | 225 | | 221000 | |
| X1 | 4.00 | 17 | 100 | 197 | 320 | 800 | 520 | | -2.0 | 222000 | |
| GR2244.2 | | 0 | 2220.1 | 40 | 2221.4 | 50 | 2221.4 | 70 | 2218.1 | 91 | 223000 |
| GR2210.0 | | 100 | 2206.7 | 105 | 2206.5 | 105 | 2205.0 | 140 | 2205.0 | 155 | 224000 |
| GR2206.0 | | 190 | 2204.5 | 197 | 2212.0 | 245 | 2214.0 | 350 | 2227.6 | 390 | 225000 |
| GR2226.5 | | 412 | 2205.0 | 440 | | | | | | | 226000 |
| FT | | | | | | 8.11 | 90 | 225 | | 226010 | |
| X1 | 4.09 | 17 | 100 | 197 | 500 | 500 | 500 | | 2.0 | 226100 | |
| GR2244.2 | | 0 | 2220.1 | 40 | 2221.4 | 50 | 2221.4 | 70 | 2218.1 | 91 | 226200 |
| GR2210.0 | | 100 | 2206.7 | 105 | 2206.5 | 105 | 2205.0 | 140 | 2205.0 | 155 | 226300 |
| GR2206.0 | | 190 | 2210.0 | 197 | 2214.4 | 205 | 2216.1 | 365 | 2227.6 | 390 | 226400 |
| GR2226.5 | | 412 | 2205.0 | 440 | | | | | | | 226500 |
| NC | .18 | .12 | .05 | | | | | | | 227000 | |
| FT | | | | | | 8.11 | 140 | 285 | | 229000 | |
| X1 | 4.25 | 28 | 185 | 276 | 880 | 600 | 760 | | | 230000 | |
| GR2235.4 | | 0 | 2221.3 | 27 | 2219.5 | 40 | 2217.7 | 61 | 2218.8 | 76 | 231000 |
| GR2219.0 | | 98 | 2221.4 | 110 | 2222.4 | 140 | 2223.0 | 155 | 2222.4 | 174 | 232000 |
| GR2214.5 | | 185 | 2213.2 | 192 | 2213.4 | 205 | 2213.9 | 215 | 2213.9 | 245 | 233000 |

| | | | | | | | | | | | |
|----------|------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|
| GR2213.5 | 255 | 2213.7 | 260 | 2213.2 | 266 | 2214.0 | 273 | 2215.0 | 276 | 234000 | |
| GR2218.0 | 285 | 2223.6 | 295 | 2225.3 | 310 | 2226.5 | 316 | 2225.1 | 338 | 235000 | |
| GR2223.9 | 341 | 2225.0 | 345 | 2235.0 | 360 | | | | | 236000 | |
| NC | .05 | .05 | .05 | | | | | | | 236100 | |
| ET | | | | | 8.11 | 140 | 285 | | | 237000 | |
| X1 | 4.25 | | 40 | 40 | 40 | | | | | 238000 | |
| ET | | | | | 8.11 | 140 | 285 | | | 239000 | |
| X1 | 4.25 | 30 | 186 | 274 | 1 | 1 | 1 | | | 240000 | |
| BT | 10 | 154 | 2224.4 | 0 | 184 | 2225.8 | 0 | 184 | 2227.2 | 0 | 241000 |
| BT | 186 | 2227.2 | 0 | 186 | 2227.2 | 2223.6 | 274 | 2227.9 | 2223.0 | 274 | 242000 |
| BT2227.9 | 0 | 275 | 2227.9 | 0 | 275 | 2225.7 | 0 | 311 | 2225.4 | | 243000 |
| BT | 0 | | | | | | | | | | 244000 |
| GR2235.0 | 12 | 2231.0 | 25 | 2224.5 | 32 | 2219.4 | 40 | 2219.6 | 75 | 245000 | |
| GR2224.4 | 154 | 2225.8 | 184 | 2225.8 | 186 | 2213.6 | 186 | 2212.9 | 200 | 246000 | |
| GR2213.1 | 210 | 2213.6 | 220 | 2214.1 | 229 | 2223.0 | 229 | 2223.0 | 231 | 247000 | |
| GR2213.9 | 231 | 2213.2 | 240 | 2213.0 | 250 | 2213.3 | 257 | 2212.8 | 267 | 248000 | |
| GR2213.7 | 274 | 2225.7 | 274 | 2225.7 | 275 | 2225.4 | 311 | 2226.5 | 316 | 249000 | |
| GR2225.1 | 338 | 2224.5 | 339 | 2224.3 | 343 | 2225.0 | 345 | 2225.0 | 360 | 250000 | |
| ET | | | | | 8.11 | 140 | 285 | | | 251000 | |
| X1 | 4.25 | | 30 | 30 | 30 | | | | | 252000 | |
| X2 | | | | | | | | | | 253000 | |
| E1 | | | | | 8.11 | 140 | 285 | | | 253100 | |
| Y1 | 4.25 | 28 | 185 | 276 | 1 | 1 | 1 | | | 255000 | |
| GR2235.4 | 0 | 2221.3 | 27 | 2219.5 | 40 | 2217.7 | 61 | 2218.8 | 76 | 256000 | |
| GR2219.8 | 98 | 2221.4 | 110 | 2222.9 | 140 | 2223.0 | 155 | 2222.4 | 174 | 257000 | |
| GR2214.5 | 185 | 2213.2 | 192 | 2213.0 | 205 | 2213.9 | 215 | 2213.9 | 245 | 258000 | |
| GR2213.5 | 255 | 2213.7 | 260 | 2213.2 | 266 | 2214.0 | 273 | 2215.0 | 275 | 259000 | |
| GR2218.0 | 285 | 2223.6 | 295 | 2225.3 | 310 | 2226.5 | 316 | 2225.1 | 338 | 260000 | |
| GR2223.9 | 341 | 2225.0 | 345 | 2235.0 | 360 | | | | | 261000 | |
| NC | .10 | .12 | .05 | | | | | | | 261100 | |
| ET | | | | | 8.11 | 140 | 285 | | | 262000 | |
| X1 | 4.25 | | 20 | 20 | 20 | | | | | 263000 | |
| NC | .13 | .10 | .05 | | | | | | | 264000 | |
| OT | 0 | 2650 | 5390 | 8640 | 10330 | 14230 | 10330 | | | 265000 | |
| ET | | | | | 8.11 | 80 | 175 | | | 266000 | |
| X1 | 4.56 | 16 | 87 | 160 | 1600 | 1600 | 1600 | | | 267000 | |
| GR2249.3 | 0 | 2225.5 | 87 | 2223.7 | 91 | 2220.2 | 100 | 2220.2 | 138 | 268000 | |
| GR2224.0 | 162 | 2225.5 | 160 | 2230.0 | 172 | 2239.0 | 221 | 2238.5 | 246 | 269000 | |
| GR2237.0 | 249 | 2234.8 | 255 | 2238.8 | 262 | 2241.2 | 340 | 2251.1 | 489 | 270000 | |
| GR2260.4 | 560 | | | | | | | | | 271000 | |
| NC | .13 | .13 | .05 | | | | | | | 272000 | |
| OT | 0 | 2640 | 5380 | 8620 | 10310 | 14200 | 10310 | | | 273000 | |
| E1 | | | | | 8.11 | 95 | 195 | | | 274000 | |
| X1 | 4.75 | 15 | 106 | 160 | 1000 | 970 | 1000 | | | 275000 | |
| GR2271.2 | 0 | 2252.0 | 35 | 2252.6 | 50 | 2244.7 | 95 | 2239.0 | 106 | 276000 | |
| GR2232.7 | 112 | 2230.9 | 135 | 2230.9 | 155 | 2235.7 | 177 | 2241.0 | 184 | 277000 | |
| GR2252.8 | 197 | 2254.1 | 216 | 2253.2 | 235 | 2252.0 | 239 | 2291.4 | 305 | 278000 | |
| E1 | | | | | 8.11 | 95 | 195 | | | 278001 | |
| X1 | 4.85 | | 550 | 550 | 550 | | | | | 278010 | |
| E1 | | | | | 8.11 | 95 | 195 | | | 278011 | |
| X1 | 5.05 | | 1020 | 1020 | 1020 | | 15 | | | 278100 | |
| NC | .12 | .10 | .055 | | | | | | | 279000 | |
| OT | 0 | 2610 | 5350 | 8560 | 10240 | 14110 | 10240 | | | 280000 | |
| E1 | | | | | 8.11 | 50 | 220 | | | 281000 | |
| X1 | 5.20 | 18 | 57 | 207 | 860 | 700 | 770 | | | 282000 | |
| GR2286.7 | 0 | 2271.0 | 31 | 2271.0 | 42 | 2261.5 | 57 | 2258.0 | 62 | 283000 | |
| GR2257.1 | 92 | 2258.1 | 136 | 2261.1 | 152 | 2261.1 | 162 | 2258.0 | 172 | 284000 | |
| GR2257.1 | 194 | 2258.0 | 197 | 2261.5 | 207 | 2265.9 | 219 | 2271.0 | 227 | 285000 | |
| GR2271.0 | 254 | 2268.7 | 250 | 2320.0 | 327 | | | | | 286000 | |
| NC | .15 | .12 | .06 | | | | | | | 287000 | |

| | | | | | | | | | | | |
|----------|------|-----------------------|--------|--------|--------|-------------|--------|-----|--------|--------|--------|
| ET | | | | | | 8.11 | 105 | 235 | | 289000 | |
| X1 | 5.41 | 18 | 115 | 226 | 1120 | 1120 | 1120 | | | 290000 | |
| GR2307.5 | | 0 | 2275.1 | 72 | 2273.1 | 95 | 2268.9 | 115 | 2267.0 | 125 | 291000 |
| GR2265.7 | | 155 | 2265.7 | 182 | 2266.9 | 211 | 2268.7 | 226 | 2270.9 | 246 | 292000 |
| GR2274.3 | | 311 | 2277.5 | 393 | 2274.1 | 443 | 2276.4 | 469 | 2276.4 | 489 | 293000 |
| GR2276.1 | | 654 | 2276.1 | 859 | 2306.0 | 976 | | | | | 294000 |
| NC | .15 | .10 | .045 | | | | | | | | 295000 |
| QT | 6 | 2590 | 5320 | 8500 | 10160 | 14020 | 10160 | | | | 296000 |
| ET | | | | | | 8.11 | 160 | 285 | | | 297000 |
| X1 | 5.70 | 19 | 169 | 274 | 1160 | 1920 | 1500 | | | | 298000 |
| GR2319.5 | | 0 | 2291.8 | 72 | 2291.8 | 95 | 2286.7 | 129 | 2283.8 | 169 | 299000 |
| GR2281.7 | | 178 | 2280.2 | 220 | 2280.2 | 228 | 2281.7 | 269 | 2283.9 | 274 | 300000 |
| GR2289.3 | | 286 | 2290.1 | 293 | 2290.1 | 312 | 2294.6 | 412 | 2310.3 | 514 | 301000 |
| GR2312.8 | | 538 | 2312.8 | 550 | 2312.3 | 566 | 2317.1 | 617 | | | 302000 |
| NC | .13 | .06 | .045 | | | | | | | | 303000 |
| ET | | | | | | 8.11 | 550 | 670 | | | 305000 |
| X1 | 5.84 | 13 | 563 | 659 | 585 | 585 | 585 | | | | 306000 |
| GR2300.5 | | 67 | 2297.7 | 327 | 2297.0 | 457 | 2295.4 | 498 | 2295.7 | 563 | 308000 |
| GR2285.7 | | 591 | 2283.9 | 611 | 2283.9 | 622 | 2285.7 | 637 | 2298.2 | 659 | 309000 |
| GR2298.2 | | 678 | 2297.6 | 686 | 2347.2 | 754 | | | | | 310000 |
| NC | .12 | .10 | .045 | | | | | | | | 311000 |
| QT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | | | | 312000 |
| ET | | | | | | 8.11 | 340 | 445 | | | 313000 |
| X1 | 5.96 | 17 | 352 | 434 | 600 | 450 | 500 | | | | 314000 |
| GR2344.8 | | 0 | 2313.1 | 69 | 2305.3 | 97 | 2308.2 | 140 | 2309.2 | 189 | 315000 |
| GR2308.1 | | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.8 | 352 | 316000 |
| GR2293.8 | | 434 | 2295.1 | 434 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 | 317000 |
| GR2303.0 | | 556 | 2333.2 | 601 | | | | | | | 318000 |
| EJ | | | | | | | | | | | 319000 |
| T1 | | CHERONFE INDIAN LANDS | | | | OSH=RAVFNFK | | | | | 330000 |
| T2 | | 100-YEAR FLOODWAY | | | | H011270 JHN | | | | | 331000 |
| T3 | | PAVEN FOPK | | | | | | | | | 332000 |
| J1 | | 7 | | .00729 | | | 2025 | | | | 333000 |
| J2 | 15 | -1 | | | | | | | | | 334000 |
| | | | | | | | | | | | 340000 |
| | | | | | | | | | | | 341000 |
| | | | | | | | | | | | 342000 |
| FR | | | | | | | | | | | 343000 |

THIS RUN EXECUTED 07/15/86, 11:41 AM

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|-------------------|-----|------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFW | 000 | 1000 |
| T2 | 100-YEAR FLOOD | H011270 JHN | 000 | 2000 |
| T3 | RAVEN FORK | 100-YEAR FLOODWAY | 000 | 3000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|-------|--------|-------|----|---------|------|------|
| J1 | JCHECK | INO | MINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ | |
| | 0. | 5. | 0. | 0. | 00729 | 0. | 0.00 | 0. | 2025.00 | 0.00 | 4000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|------|-------|-----|-------|--------|------|
| J2 | NPRGF | IPLUT | PREVS | XSECV | XSECH | FN | ALLOC | IRW | CHNIM | ITRACE | |
| | 0. | 0. | -1. | 0. | 0. | 0.00 | 0. | 0. | 0. | 0. | 5000 |

| | | | | | | | | | | | |
|----|-------------------------------------|------|--------|------|------|------|------|------|------|------|------|
| J3 | VARIABLE COEFS FOR SUMMARY PRINTOUT | | | | | | | | | | |
| | 110.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 6000 |

| | | | | | | | | | | | |
|----|-------|-------|--|--|--|--|--|--|--|--|------|
| J6 | THLEC | ICOPY | | | | | | | | | 7000 |
| | 1. | 0. | | | | | | | | | |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|
| NC | 0.000 | 0.000 | 0.000 | 0.1 | 0.5 | | | | | | 8000 |
| NH | 5. | 0.060 | 606. | 0.130 | 768. | 0.050 | 857. | 0.130 | 1006. | 0.060 | 9000 |
| NH | 1650. | 0.000 | 0. | 0.000 | 0. | 0.000 | 0. | 0.000 | 0. | 0.000 | 10000 |
| OT | 6. | 2800. | 5700. | 9100. | 10900. | 15000. | 10900. | 0. | 0. | 0. | 11000 |
| FT | 0. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.11 | 750.00 | 900.00 | 0.00 | 12000 |

| | | | | | | | | | | | |
|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|-------|
| X1 | .21 | 27. | 768. | 857. | 0. | 0. | 0. | 0.00 | 0.00 | 0. | 13000 |
| GR | 2031.4 | 0. | 2029.0 | 50. | 2025.0 | 228. | 2025.0 | 250. | 2026.7 | 406. | 14000 |
| GR | 2025.1 | 606. | 2026.9 | 706. | 2026.2 | 747. | 2019.5 | 768. | 2016.8 | 769. | 15000 |
| GR | 2010.9 | 777. | 2010.6 | 808. | 2014.9 | 830. | 2015.8 | 840. | 2016.5 | 850. | 16000 |
| GR | 2018.2 | 850. | 2020.9 | 857. | 2023.5 | 869. | 2020.9 | 892. | 2023.2 | 907. | 17000 |
| GR | 2022.6 | 921. | 2020.1 | 1000. | 2022.6 | 1107. | 2023.3 | 1209. | 2026.1 | 1406. | 18000 |
| GR | 2027.4 | 1400. | 2028.8 | 1650. | 0. | 0. | 0. | 0. | 0. | 0. | 19000 |
| FT | 0. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.11 | 750.00 | 900.00 | 0.00 | 19100 |

| | | | | | | | | | | | |
|----|-----|------|------|------|------|------|------|--------|--------|------|-------|
| Y1 | .21 | 0. | 0. | 0. | 40. | 40. | 40. | 0.00 | 0.00 | 0. | 20000 |
| FI | 0. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8.11 | 750.00 | 900.00 | 0.00 | 20100 |

| | | | | | | | | | | | |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Y1 | .21 | 35. | 768. | 857. | 1. | 1. | 1. | 0.00 | 0.00 | 0. | 21000 |
| RT | 16.0 | 694.0 | 2028.2 | 0. | 754.0 | 2030.1 | 0. | 754.0 | 2032.8 | 0. | 22000 |
| RT | 768.0 | 2033.7 | 0. | 768.0 | 2033.7 | 2020.0 | 770.0 | 2033.8 | 2023.5 | 773.0 | 23000 |
| RT | 2033.9 | 2025.5 | 769.0 | 2034.4 | 2027.3 | 810.0 | 2030.9 | 2028.0 | 830.0 | 2034.8 | 24000 |
| RT | 2027.2 | 850.0 | 2034.1 | 2023.5 | 857.0 | 2033.6 | 2020.9 | 857.0 | 2033.6 | 0. | 25000 |

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|----|--------|--------|--------|-------|--------|-------|--------|--------|--------|-------|-------|
| BT | 861.0 | 2033.3 | .0 | 861.0 | 2030.1 | .0 | 916.0 | 2027.8 | .0 | .0 | 26000 |
| GR | 2031.4 | 0. | 2029.4 | 50. | 2027.8 | 150. | 2027.7 | 254. | 2028.3 | 350. | 27000 |
| GR | 2028.2 | 450. | 2027.8 | 550. | 2027.7 | 606. | 2027.8 | 653. | 2028.2 | 694. | 28000 |
| GR | 2030.1 | 754. | 2033.7 | 768. | 2019.5 | 768. | 2018.7 | 770. | 2017.7 | 773. | 29000 |
| GR | 2013.4 | 789. | 2013.9 | 800. | 2014.8 | 810. | 2015.3 | 830. | 2015.5 | 840. | 30000 |
| GR | 2016.0 | 848. | 2016.5 | 850. | 2018.9 | 850. | 2020.9 | 857. | 2033.6 | 857. | 31000 |
| GR | 2037.3 | 861. | 2030.1 | 861. | 2027.8 | 916. | 2026.8 | 951. | 2026.0 | 1006. | 32000 |
| GR | 2025.3 | 1052. | 2025.3 | 1152. | 2026.9 | 1360. | 2028.3 | 1550. | 2028.8 | 1650. | 33000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 750.00 | 900.00 | .00 | 34000 |
| Y1 | .21 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 35000 |
| Y2 | 0. | .00 | 0. | 0. | .0 | .00 | 1. | .00 | 0. | 0. | 36000 |
| NH | 5. | .060 | 605. | .130 | 768. | .050 | 857. | .130 | 1006. | .130 | 37000 |
| NH | 1650. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 38000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 750.00 | 900.00 | .00 | 39000 |
| Y1 | .21 | 27. | 768. | 857. | 1. | 1. | 1. | .00 | .00 | 0. | 40000 |
| GR | 2031.4 | 0. | 2029.4 | 50. | 2025.0 | 228. | 2025.0 | 250. | 2026.7 | 406. | 41000 |
| GR | 2025.1 | 606. | 2026.9 | 706. | 2026.2 | 747. | 2019.5 | 768. | 2016.8 | 769. | 42000 |
| GR | 2014.0 | 777. | 2014.6 | 808. | 2014.9 | 830. | 2015.2 | 840. | 2016.5 | 850. | 43000 |
| GR | 2018.9 | 850. | 2020.9 | 857. | 2023.5 | 869. | 2024.9 | 892. | 2023.2 | 907. | 44000 |
| GR | 2022.6 | 921. | 2024.1 | 1006. | 2022.6 | 1107. | 2023.3 | 1209. | 2026.1 | 1406. | 45000 |
| GR | 2027.8 | 1490. | 2028.8 | 1650. | .0 | 0. | .0 | 0. | 0. | 0. | 46000 |
| NH | 5. | .050 | 606. | .130 | 768. | .050 | 857. | .130 | 1107. | .300 | 47000 |
| NH | 1650. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 48000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 750.00 | 900.00 | .00 | 48100 |
| Y1 | .21 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 49000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 750.00 | 900.00 | .00 | 49100 |
| Y1 | .40 | 0. | 0. | 0. | 930. | 930. | 930. | .00 | 6.00 | 0. | 50000 |
| HC | .130 | .130 | .050 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 51000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 400.00 | 525.00 | .00 | 53000 |
| Y1 | .56 | 31. | 409. | 515. | 700. | 830. | 830. | .00 | .00 | 0. | 54000 |
| GR | 2050.0 | 0. | 2047.2 | 17. | 2041.2 | 55. | 2040.0 | 76. | 2041.7 | 82. | 55000 |
| GR | 2040.7 | 103. | 2040.1 | 109. | 2041.0 | 118. | 2040.4 | 143. | 2039.7 | 255. | 56000 |
| GR | 2030.0 | 323. | 2045.6 | 343. | 2044.8 | 360. | 2035.5 | 383. | 2032.7 | 409. | 57000 |
| GR | 2020.5 | 417. | 2029.0 | 417. | 2027.6 | 425. | 2027.4 | 435. | 2027.3 | 450. | 58000 |
| GR | 2028.1 | 493. | 2020.0 | 502. | 2029.6 | 502. | 2037.0 | 515. | 2037.5 | 535. | 59000 |
| GR | 2042.4 | 506. | 2047.1 | 555. | 2043.4 | 755. | 2047.0 | 835. | 2052.4 | 935. | 60000 |
| GR | 2057.0 | 901. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 61000 |
| HC | .130 | .120 | .060 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 62000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 595.00 | 550.00 | .00 | 64000 |

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|----|--------|-------|--------|-------|--------|------|--------|--------|--------|------|-------|
| X1 | .60 | 27. | 433. | 541. | 55. | 210. | 150. | .00 | .00 | 0. | 65000 |
| GR | 2055.0 | 305. | 2052.9 | 327. | 2048.9 | 340. | 2047.5 | 383. | 2037.1 | 411. | 66000 |
| GR | 2030.7 | 433. | 2032.5 | 434. | 2031.1 | 439. | 2030.9 | 455. | 2031.2 | 485. | 67000 |
| GR | 2031.0 | 500. | 2031.3 | 515. | 2032.3 | 524. | 2033.0 | 524. | 2038.1 | 541. | 68000 |
| GR | 2037.9 | 569. | 2042.6 | 584. | 2042.6 | 605. | 2043.6 | 700. | 2044.9 | 793. | 69000 |
| GR | 2040.7 | 809. | 2044.0 | 811. | 2044.9 | 817. | 2047.1 | 850. | 2048.4 | 950. | 70000 |
| GR | 2052.2 | 1050. | 2055.0 | 1084. | .0 | .0 | .0 | .0 | .0 | .0 | 71000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 395.00 | 550.00 | .00 | 72000 |

| | | | | | | | | | | | |
|----|------|------|------|-----|--------|------|---------|--------|--------|--------|-------|
| Y1 | .60 | 0. | 0. | 0. | 00. | 00. | 00. | .00 | .00 | 0. | 73000 |
| Y3 | 10. | .0 | .0 | 0. | .0 | 0. | .0 | 2035.0 | 2044.0 | | 74000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 101.00 | 4.00 | 1248.00 | 1.50 | 2031.1 | 2031.1 | 75000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 395.00 | 550.00 | .00 | 76000 |

| | | | | | | | | | | | |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| X1 | .60 | 30. | 433. | 540. | 30. | 30. | 30. | .00 | .00 | 0. | 77000 |
| X2 | 0. | .00 | 1. | 2042.1 | 2046.5 | .00 | .0. | .00 | .0 | 0. | 78000 |
| X3 | 10. | .0 | .0 | .0 | .0 | 0. | .0 | 2035.0 | 2046.5 | | 79000 |
| HT | 18.0 | 305.0 | 2055.0 | .0 | 327.0 | 2052.9 | .0 | 340.0 | 2048.9 | .0 | 80000 |
| BT | 383.0 | 2047.5 | .0 | 406.0 | 2047.5 | .0 | 406.0 | 2047.5 | 2046.8 | 540.0 | 81000 |
| BT | 2048.2 | 2042.4 | 540.0 | 2048.2 | .0 | 545.0 | 2048.2 | .0 | 545.0 | 2048.2 | 82000 |
| BT | .0 | 609.0 | 2048.8 | .0 | 609.0 | 2046.6 | .0 | 700.0 | 2047.5 | .0 | 83000 |
| BT | 800.0 | 2048.0 | .0 | 910.0 | 2047.9 | .0 | 950.0 | 2048.4 | .0 | 1050.0 | 84000 |
| BT | 2052.2 | .0 | 1064.0 | 2055.0 | .0 | .0 | .0 | .0 | .0 | .0 | 85000 |
| GR | 2055.0 | 305. | 2052.9 | 327. | 2048.9 | 340. | 2047.5 | 383. | 2039.0 | 406. | 86000 |
| GR | 2037.1 | 411. | 2034.7 | 433. | 2032.5 | 434. | 2031.1 | 439. | 2030.9 | 455. | 87000 |
| GR | 2031.2 | 485. | 2031.0 | 500. | 2031.3 | 515. | 2032.3 | 524. | 2033.0 | 524. | 88000 |
| GR | 2038.1 | 540. | 2038.0 | 545. | 2037.9 | 569. | 2042.6 | 589. | 2042.6 | 609. | 89000 |
| GR | 2043.6 | 700. | 2044.9 | 793. | 2044.7 | 800. | 2044.0 | 811. | 2044.9 | 817. | 90000 |
| GR | 2047.1 | 850. | 2047.9 | 910. | 2048.4 | 950. | 2052.2 | 1050. | 2055.0 | 1084. | 91000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 395.00 | 550.00 | .00 | 92000 |

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|----|------|------|------|-----|-----|-----|------|--------|--------|-----|-------|
| X1 | .60 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 93000 |
| NC | .130 | .130 | .060 | .0 | .0 | | | | | | 94000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 340.00 | .00 | 96000 |

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|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|--------|
| X1 | .60 | 21. | 250. | 330. | 1150. | 1020. | 1090. | .00 | .00 | 0. | 97000 |
| GP | 2068.0 | 192. | 2064.0 | 201. | 2060.0 | 210. | 2056.0 | 222. | 2052.0 | 232. | 98000 |
| GP | 2044.0 | 240. | 2040.0 | 250. | 2039.6 | 257. | 2039.1 | 260. | 2038.6 | 260. | 99000 |
| GP | 2038.0 | 266. | 2038.0 | 310. | 2038.4 | 315. | 2038.9 | 315. | 2039.4 | 322. | 100000 |
| GP | 2040.0 | 330. | 2044.0 | 336. | 2052.0 | 342. | 2056.0 | 352. | 2060.0 | 365. | 101000 |
| GP | 2080.0 | 372. | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 102000 |
| NC | .130 | .130 | .060 | .0 | .0 | | | | | | 103000 |
| BT | 6. | 2800. | 5640. | 9040. | 10840. | 14890. | 10840. | 0. | 0. | 0. | 104000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 340.00 | .00 | 105000 |

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|-----------|------|-------|--------|-------|--------|--------|--------|-------|--------|------|--------|
| XI | .94 | 34. | 251. | 320. | 760. | 760. | 760. | .00 | .00 | 0. | 106000 |
| GR 2064.1 | | 0. | 2060.5 | 29. | 2058.5 | 58. | 2057.1 | 128. | 2056.0 | 228. | 107000 |
| GR 2045.9 | | 251. | 2044.8 | 258. | 2043.4 | 259. | 2042.5 | 259. | 2042.0 | 262. | 108000 |
| GR 2041.7 | | 270. | 2041.5 | 280. | 2041.5 | 290. | 2042.0 | 310. | 2042.8 | 315. | 109000 |
| GR 2043.5 | | 315. | 2045.6 | 320. | 2047.4 | 327. | 2048.5 | 347. | 2049.2 | 372. | 110000 |
| GR 2051.9 | | 396. | 2057.1 | 409. | 2056.2 | 415. | 2056.4 | 427. | 2057.9 | 430. | 111000 |
| GR 2056.6 | | 467. | 2057.5 | 475. | 2060.5 | 487. | 2060.7 | 492. | 2060.0 | 512. | 112000 |
| GR 2057.9 | | 520. | 2059.7 | 525. | 2060.7 | 537. | 2065.5 | 546. | .0 | 0. | 113000 |
| NC | .130 | .130 | .060 | .0 | .0 | | | | | | 114000 |
| OT | 6. | 2800. | 5610. | 9010. | 10810. | 14810. | 10810. | 0. | 0. | 0. | 115000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 25.00 | 115.00 | .00 | 116000 |

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|-----------|------|------|--------|------|--------|-------|--------|--------|--------|------|--------|
| XI | 1.42 | 21. | 35. | 104. | 2560. | 2840. | 2720. | .00 | .00 | 0. | 117000 |
| GR 2091.5 | | 0. | 2068.0 | 35. | 2067.0 | 35. | 2065.1 | 41. | 2065.5 | 50. | 118000 |
| GR 2065.9 | | 71. | 2065.9 | 85. | 2066.1 | 96. | 2067.5 | 101. | 2069.9 | 104. | 119000 |
| GR 2074.5 | | 132. | 2078.6 | 146. | 2080.0 | 176. | 2080.0 | 184. | 2081.6 | 189. | 120000 |
| GR 2082.0 | | 209. | 2080.5 | 215. | 2080.9 | 232. | 2082.4 | 254. | 2088.0 | 274. | 121000 |
| GR 2092.0 | | 286. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 122000 |
| NC | .100 | .100 | .060 | .0 | .0 | | | | | | 123000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 120.00 | 210.00 | .00 | 125000 |

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|-----------|------|------|--------|------|--------|-------|--------|-------|--------|------|--------|
| A XI | 1.64 | 20. | 147. | 201. | 1280. | 1280. | 1280. | .00 | .00 | 0. | 126000 |
| GR 2112.2 | | 0. | 2108.5 | 11. | 2100.7 | 25. | 2097.0 | 90. | 2093.9 | 127. | 127000 |
| GR 2090.9 | | 137. | 2090.6 | 147. | 2089.6 | 147. | 2088.5 | 153. | 2088.9 | 167. | 128000 |
| GR 2089.4 | | 176. | 2089.1 | 183. | 2087.9 | 189. | 2088.0 | 195. | 2090.1 | 201. | 129000 |
| GR 2103.7 | | 216. | 2103.4 | 234. | 2103.2 | 237. | 2108.5 | 241. | 2113.5 | 246. | 130000 |
| NC | .120 | .100 | .060 | .0 | .0 | | | | | | 131000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 15.00 | 130.00 | .00 | 133000 |

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|-----------|------|-------|--------|-------|--------|--------|--------|-------|--------|------|--------|
| B XI | 1.74 | 22. | 26. | 118. | 640. | 720. | 640. | .00 | .00 | 0. | 134000 |
| GR 2117.5 | | 0. | 2098.0 | 20. | 2097.9 | 26. | 2095.0 | 28. | 2094.0 | 28. | 135000 |
| GR 2093.2 | | 31. | 2092.8 | 51. | 2093.4 | 91. | 2093.8 | 96. | 2093.8 | 109. | 136000 |
| GR 2094.7 | | 118. | 2095.0 | 118. | 2100.5 | 144. | 2102.8 | 170. | 2102.7 | 181. | 137000 |
| GR 2102.3 | | 180. | 2103.6 | 280. | 2103.9 | 370. | 2103.7 | 381. | 2105.3 | 426. | 138000 |
| GR 2109.0 | | 434. | 2117.5 | 453. | .0 | 0. | .0 | 0. | .0 | 0. | 139000 |
| NC | .120 | .120 | .065 | .0 | .0 | | | | | | 140000 |
| OT | 6. | 2770. | 5550. | 8920. | 10700. | 14670. | 10700. | 0. | 0. | 0. | 141000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 85.00 | 165.00 | .00 | 142000 |

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|-----------|------|------|--------|------|--------|-------|--------|--------|--------|------|--------|
| L XI | 2.20 | 18. | 94. | 160. | 2640. | 2160. | 2360. | .00 | .00 | 0. | 145000 |
| GR 2148.6 | | 0. | 2143.0 | 14. | 2139.0 | 21. | 2135.6 | 31. | 2125.5 | 94. | 144000 |
| GR 2124.0 | | 96. | 2122.5 | 101. | 2121.8 | 106. | 2121.5 | 120. | 2121.9 | 136. | 145000 |
| GR 2122.8 | | 145. | 2123.0 | 156. | 2123.0 | 159. | 2125.0 | 160. | 2138.7 | 169. | 146000 |
| GR 2138.0 | | 180. | 2138.6 | 299. | 2148.5 | 313. | .0 | 0. | .0 | 0. | 147000 |
| NC | .140 | .130 | .055 | .0 | .0 | | | | | | 148000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 295.00 | 395.00 | .00 | 150000 |

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| D | X1 | 2.52 | 26. | 334. | 388. | 1640. | 1800. | 1800. | .00 | .00 | 0. | 151000 |
| | GR | 2175.0 | 0. | 2158.1 | 1. | 2156.5 | 19. | 2155.1 | 20. | 2153.3 | 30. | 152000 |
| | GR | 2153.1 | 39. | 2154.9 | 51. | 2154.5 | 66. | 2155.7 | 166. | 2152.7 | 186. | 153000 |
| | GR | 2151.6 | 222. | 2153.7 | 244. | 2153.6 | 271. | 2151.4 | 306. | 2148.7 | 327. | 154000 |
| | GR | 2145.5 | 334. | 2144.8 | 341. | 2144.4 | 344. | 2144.1 | 351. | 2143.0 | 361. | 155000 |
| | GR | 2142.5 | 371. | 2142.2 | 381. | 2143.8 | 388. | 2145.0 | 388. | 2150.1 | 396. | 156000 |
| | GR | 2169.0 | 410. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 157000 |
| | MC | .130 | .100 | .055 | .0 | .0 | | | | | | 158000 |
| | QT | 6. | 2740. | 5530. | 8870. | 10630. | 14400. | 10630. | 0. | 0. | 0. | 159000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 85.00 | 290.00 | .00 | 160000 |

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|---|----|--------|------|--------|------|--------|------|--------|-------|--------|------|--------|
| E | X1 | 2.62 | 24. | 112. | 177. | 440. | 560. | 540. | .00 | .00 | 0. | 161000 |
| | GR | 2174.0 | 0. | 2164.5 | 10. | 2162.3 | 14. | 2163.0 | 39. | 2162.5 | 78. | 162000 |
| | GR | 2161.1 | 101. | 2150.5 | 112. | 2147.4 | 115. | 2146.9 | 120. | 2146.6 | 130. | 163000 |
| | GR | 2146.9 | 141. | 2146.2 | 154. | 2146.8 | 167. | 2149.5 | 174. | 2150.5 | 177. | 164000 |
| | GR | 2155.9 | 145. | 2156.4 | 210. | 2156.6 | 215. | 2157.2 | 219. | 2158.5 | 225. | 165000 |
| | GR | 2158.0 | 240. | 2158.3 | 295. | 2164.3 | 366. | 2168.0 | 385. | .0 | 0. | 166000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 85.00 | 290.00 | .00 | 166100 |

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|--|----|------|------|------|-----|-------|------|--------|-------|--------|--------|--------|
| | X1 | 2.62 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 167000 |
| | SB | 1.25 | 1.60 | 3.00 | 0. | 78.00 | 2.00 | 902.00 | .87 | 2146.8 | 2146.8 | 168000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 85.00 | 290.00 | .00 | 169000 |

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|--|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | X1 | 2.62 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 170000 |
| | X2 | 0. | .00 | 1. | 2157.3 | 2158.3 | .00 | 0. | .00 | .0 | 0. | 171000 |
| | PI | 13.0 | 5.0 | 2174.0 | .0 | 15.0 | 2165.5 | .0 | 25.0 | 2160.2 | .0 | 172000 |
| | BT | 27.0 | 2160.4 | .0 | 65.0 | 2160.4 | .0 | 93.0 | 2160.0 | .0 | 93.0 | 173000 |
| | BT | 2162.2 | .0 | 192.0 | 2162.2 | .0 | 192.0 | 2160.1 | .0 | 224.0 | 2158.4 | 174000 |
| | BT | .0 | 242.0 | 2158.3 | .0 | 362.0 | 2164.4 | .0 | 305.0 | 2168.7 | .0 | 175000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 85.00 | 290.00 | .00 | 175100 |

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|--|----|------|------|------|-----|-----|-----|------|-------|--------|-----|--------|
| | X1 | 2.62 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 176000 |
| | MC | .120 | .100 | .060 | .0 | .0 | | | | | | 177000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 60.00 | 165.00 | .00 | 179000 |

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|---|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|--------|
| F | X1 | 2.86 | 14. | 70. | 155. | 1250. | 1180. | 1210. | .00 | .00 | 0. | 180000 |
| | GR | 2201.2 | 0. | 2184.9 | 30. | 2184.5 | 46. | 2184.5 | 70. | 2161.6 | 74. | 181000 |
| | GR | 2150.3 | 91. | 2150.3 | 114. | 2161.5 | 136. | 2164.9 | 155. | 2165.8 | 160. | 182000 |
| | GR | 2169.0 | 214. | 2169.9 | 245. | 2169.6 | 297. | 2193.5 | 346. | .0 | 0. | 183000 |
| | MC | .100 | .100 | .060 | .0 | .0 | | | | | | 184000 |
| | QT | 6. | 2720. | 5490. | 8810. | 10560. | 14500. | 10560. | 0. | 0. | 0. | 185000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 115.00 | 210.00 | .00 | 186000 |

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|---|----|--------|------|--------|------|--------|-------|--------|-------|--------|------|--------|
| G | XI | 3.11 | 16. | 125. | 203. | 1440. | 1040. | 1300. | .00 | .00 | 0. | 187000 |
| | GR | 2200.8 | 0. | 2196.3 | 16. | 2191.4 | 50. | 2182.1 | 80. | 2181.8 | 91. | 188000 |
| | GR | 2171.5 | 125. | 2169.8 | 132. | 2168.0 | 153. | 2168.0 | 170. | 2169.8 | 198. | 189000 |
| | GR | 2172.0 | 203. | 2179.6 | 222. | 2180.3 | 225. | 2180.3 | 249. | 2178.6 | 266. | 190000 |
| | GR | 2200.3 | 327. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 191000 |
| | NC | .120 | .080 | .060 | .0 | .0 | | | | | | 192000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 80.00 | 240.00 | .00 | 194000 |

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| H | XI | 3.36 | 20. | 90. | 214. | 1040. | 1280. | 1120. | .00 | .00 | 0. | 195000 |
| | GR | 2205.4 | 0. | 2183.8 | 65. | 2183.4 | 82. | 2181.0 | 90. | 2178.4 | 100. | 196000 |
| | GR | 2176.0 | 150. | 2176.0 | 176. | 2178.5 | 199. | 2183.4 | 214. | 2183.5 | 215. | 197000 |
| | GR | 2187.1 | 231. | 2187.1 | 240. | 2166.7 | 292. | 2185.9 | 332. | 2186.9 | 345. | 198000 |
| | GR | 2166.9 | 503. | 2165.9 | 553. | 2185.9 | 578. | 2184.8 | 591. | 2205.7 | 643. | 199000 |
| | NH | 4. | .130 | .22. | .060 | .217. | .080 | .729. | .300 | 1239. | .000 | 200000 |
| | OT | 6. | 2700. | 5460. | 8760. | 10490. | 14420. | 10490. | 0. | 0. | 0. | 201000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 410.00 | .00 | 202000 |

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|---|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|--------|
| I | XI | 3.58 | 26. | 122. | 217. | 840. | 1000. | 870. | .00 | .00 | 0. | 203000 |
| | GR | 2221.0 | 0. | 2200.0 | 40. | 2193.0 | 74. | 2194.2 | 97. | 2192.5 | 108. | 204000 |
| | GR | 2188.9 | 122. | 2187.6 | 122. | 2186.6 | 150. | 2187.7 | 184. | 2190.3 | 217. | 205000 |
| | GR | 2190.3 | 265. | 2188.8 | 292. | 2188.5 | 282. | 2186.6 | 314. | 2188.8 | 384. | 206000 |
| | GR | 2191.1 | 415. | 2189.5 | 580. | 2190.8 | 729. | 2191.7 | 763. | 2191.9 | 838. | 207000 |
| | GR | 2191.6 | 949. | 2191.5 | 1067. | 2195.6 | 1107. | 2195.6 | 1128. | 2199.4 | 1170. | 208000 |
| | GR | 2217.9 | 1239. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 209000 |
| | NH | 5. | .200 | .237. | .100 | .470. | .055 | .646. | .080 | .950. | .200 | 210000 |
| | NH | 1396. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 210100 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 450.00 | 670.00 | .00 | 212000 |

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| J | XI | 3.86 | 21. | 470. | 646. | 1000. | 1040. | 990. | .00 | .00 | 0. | 213000 |
| | GR | 2236.5 | 0. | 2206.7 | 103. | 2205.3 | 237. | 2203.1 | 244. | 2203.1 | 300. | 214000 |
| | GR | 2205.0 | 320. | 2205.0 | 376. | 2209.8 | 398. | 2204.0 | 415. | 2201.4 | 470. | 215000 |
| | GR | 2199.0 | 479. | 2197.0 | 518. | 2197.0 | 583. | 2197.6 | 624. | 2204.4 | 646. | 216000 |
| | GR | 2203.0 | 950. | 2202.3 | 1224. | 2211.6 | 1326. | 2211.6 | 1351. | 2211.4 | 1356. | 217000 |
| | GR | 2253.0 | 1396. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 218000 |
| | NC | .150 | .110 | .060 | .0 | .0 | | | | | | 219000 |
| | OT | 6. | 2670. | 5430. | 8710. | 10420. | 14340. | 10420. | 0. | 0. | 0. | 220000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 90.00 | 225.00 | .00 | 221000 |

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| | XI | 4.00 | 17. | 100. | 197. | 320. | 800. | 520. | .00 | -2.00 | 0. | 222000 |
| | GR | 2244.2 | 0. | 2220.1 | 44. | 2221.4 | 54. | 2221.0 | 74. | 2218.1 | 91. | 223000 |
| | GR | 2210.0 | 100. | 2206.7 | 105. | 2206.5 | 105. | 2205.0 | 140. | 2205.0 | 155. | 224000 |
| | GR | 2205.0 | 190. | 2209.5 | 197. | 2212.0 | 245. | 2214.0 | 350. | 2227.6 | 390. | 225000 |
| | GR | 2226.5 | 412. | 2245.0 | 440. | .0 | 0. | .0 | 0. | .0 | 0. | 226000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 90.00 | 225.00 | .00 | 226010 |

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| K | X1 | 4.09 | 17. | 100. | 197. | 500. | 500. | 500. | .00 | 2.00 | 0. | 226100 |
| | GR | 2244.2 | 0. | 2220.1 | 44. | 2221.4 | 54. | 2221.4 | 74. | 2218.1 | 91. | 226200 |
| | GR | 2210.0 | 100. | 2206.7 | 105. | 2206.5 | 105. | 2205.0 | 140. | 2205.0 | 155. | 226300 |
| | GR | 2206.0 | 190. | 2210.0 | 197. | 2214.4 | 205. | 2216.1 | 365. | 2227.6 | 390. | 226400 |
| | GR | 2226.5 | 412. | 2245.0 | 440. | .0 | 0. | .0 | 0. | .0 | 0. | 226500 |
| | MC | .180 | .120 | .050 | .0 | .0 | | | | | | 227000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 140.00 | 285.00 | .00 | 229000 |

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| L | X1 | 4.25 | 28. | 185. | 276. | 880. | 600. | 760. | .00 | .00 | 0. | 230000 |
| | GR | 2235.0 | 0. | 2221.3 | 27. | 2219.5 | 40. | 2217.7 | 61. | 2218.8 | 76. | 231000 |
| | GR | 2219.8 | 98. | 2221.4 | 110. | 2222.9 | 140. | 2223.0 | 155. | 2222.4 | 174. | 232000 |
| | GR | 2214.5 | 185. | 2213.2 | 192. | 2213.4 | 205. | 2213.9 | 215. | 2213.9 | 245. | 233000 |
| | GR | 2213.5 | 255. | 2213.7 | 260. | 2213.2 | 266. | 2214.0 | 273. | 2215.0 | 276. | 234000 |
| | GR | 2218.0 | 285. | 2223.6 | 295. | 2225.3 | 310. | 2226.5 | 316. | 2225.1 | 338. | 235000 |
| | GR | 2223.9 | 341. | 2225.0 | 345. | 2235.0 | 360. | .0 | 0. | .0 | 0. | 236000 |
| | MC | .050 | .050 | .050 | .0 | .0 | | | | | | 236100 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 140.00 | 285.00 | .00 | 237000 |

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|--|----|------|-----|-----|-----|-----|-----|------|--------|--------|-----|--------|
| | X1 | 4.25 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 238000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 140.00 | 285.00 | .00 | 239000 |

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|--|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | X1 | 4.25 | 30. | 186. | 274. | 1. | 1. | 1. | .00 | .00 | 0. | 240000 |
| | BT | 10.0 | 154.0 | 2224.4 | .0 | 184.0 | 2225.8 | .0 | 184.0 | 2227.2 | .0 | 241000 |
| | BT | 186.0 | 2227.2 | .0 | 186.0 | 2227.2 | 2223.0 | 274.0 | 2227.9 | 2223.0 | 274.0 | 242000 |
| | BT | 2227.9 | .0 | 275.0 | 2227.9 | .0 | 275.0 | 2225.7 | .0 | 311.0 | 2225.4 | 243000 |
| | BT | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 244000 |
| | GR | 2235.0 | 12. | 2231.0 | 25. | 2224.5 | 32. | 2219.4 | 40. | 2219.6 | 75. | 245000 |
| | GR | 2224.4 | 154. | 2225.8 | 184. | 2225.8 | 186. | 2213.6 | 186. | 2212.9 | 200. | 246000 |
| | GR | 2213.1 | 210. | 2213.6 | 220. | 2214.1 | 229. | 2223.0 | 229. | 2223.0 | 231. | 247000 |
| | GR | 2213.9 | 231. | 2213.2 | 240. | 2213.0 | 250. | 2213.3 | 257. | 2212.8 | 267. | 248000 |
| | GR | 2213.7 | 274. | 2225.7 | 274. | 2225.7 | 275. | 2225.4 | 311. | 2226.5 | 316. | 249000 |
| | GR | 2225.1 | 338. | 2224.5 | 339. | 2224.3 | 343. | 2225.0 | 345. | 2235.0 | 360. | 250000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 140.00 | 285.00 | .00 | 251000 |

| | | | | | | | | | | | | |
|--|----|------|-----|-----|-----|-----|-----|------|--------|--------|-----|--------|
| | X1 | 4.25 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 252000 |
| | Y2 | 0. | .00 | .0 | .0 | .0 | .00 | 1. | .00 | .0 | 0. | 253000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 140.00 | 285.00 | .00 | 253100 |

| | | | | | | | | | | | | |
|--|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| | Y1 | 4.25 | 28. | 185. | 276. | 1. | 1. | 1. | .00 | .00 | 0. | 255000 |
| | GR | 2235.0 | 0. | 2221.3 | 27. | 2219.5 | 40. | 2217.7 | 61. | 2218.8 | 76. | 256000 |
| | GR | 2219.8 | 98. | 2221.4 | 110. | 2222.9 | 140. | 2223.0 | 155. | 2222.4 | 174. | 257000 |
| | GR | 2214.5 | 185. | 2213.2 | 192. | 2213.4 | 205. | 2213.9 | 215. | 2213.9 | 245. | 258000 |
| | GR | 2213.5 | 255. | 2213.7 | 260. | 2213.2 | 266. | 2214.0 | 273. | 2215.0 | 276. | 259000 |
| | GR | 2218.0 | 285. | 2223.6 | 295. | 2225.3 | 310. | 2226.5 | 316. | 2225.1 | 338. | 260000 |
| | GR | 2223.9 | 341. | 2225.0 | 345. | 2235.0 | 360. | .0 | 0. | .0 | 0. | 261000 |
| | MC | .100 | .120 | .050 | .0 | .0 | | | | | | 261100 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 140.00 | 285.00 | .00 | 262000 |

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|----|------|-------|-------|-------|--------|--------|--------|-------|--------|-----|--------|
| XI | 4.25 | 0. | 0. | 0. | 20. | 20. | 20.3 | .00 | .00 | 0. | 263000 |
| NC | .130 | .100 | .050 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 264000 |
| NT | 6. | 2650. | 5390. | 8640. | 10330. | 14230. | 10330. | 0. | 0. | 0. | 265000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 80.00 | 175.00 | .00 | 266000 |

+90

| | | | | | | | | | | | |
|------|--------|-------|--------|-------|--------|--------|--------|-------|--------|------|--------|
| M XI | 4.56 | 16. | 87. | 164. | 1600. | 1600. | 1600. | .00 | .00 | 0. | 267000 |
| GR | 2260.3 | 0. | 2225.5 | 87. | 2223.7 | 91. | 2220.2 | 100. | 2220.2 | 138. | 268000 |
| EP | 2224.0 | 162. | 2225.5 | 164. | 2230.0 | 172. | 2239.0 | 221. | 2238.5 | 246. | 269000 |
| GR | 2237.0 | 249. | 2239.8 | 255. | 2238.8 | 262. | 2241.2 | 340. | 2251.1 | 489. | 270000 |
| GR | 2260.3 | 580. | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 271000 |
| NC | .130 | .130 | .050 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 272000 |
| NT | 6. | 2640. | 5380. | 8620. | 10310. | 14200. | 10310. | 0. | 0. | 0. | 273000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 95.00 | 195.00 | .00 | 274000 |

| | | | | | | | | | | | |
|----|--------|------|--------|------|--------|------|--------|-------|--------|------|--------|
| XI | 4.75 | 15. | 106. | 184. | 1000. | 970. | 1000. | .00 | .00 | 0. | 275000 |
| GR | 2271.2 | 0. | 2252.0 | 35. | 2252.0 | 50. | 2244.7 | 95. | 2239.0 | 106. | 276000 |
| GR | 2235.7 | 112. | 2230.9 | 135. | 2230.9 | 155. | 2235.7 | 177. | 2241.0 | 184. | 277000 |
| GR | 2252.8 | 197. | 2250.1 | 216. | 2253.2 | 235. | 2252.4 | 239. | 2291.4 | 305. | 278000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 95.00 | 195.00 | .00 | 278001 |

+1000

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|------|------|-----|-----|-----|------|------|------|-------|--------|-----|--------|
| N XI | 4.85 | 0. | 0. | 0. | 550. | 550. | 550. | .00 | .00 | 0. | 278010 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 95.00 | 195.00 | .00 | 278011 |

| | | | | | | | | | | | |
|----|------|-------|-------|-------|--------|--------|--------|-------|--------|-----|--------|
| XI | 5.05 | 0. | 0. | 0. | 1020. | 1020. | 1020. | .00 | 15.00 | 0. | 278100 |
| NC | .120 | .100 | .055 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 279000 |
| NT | 6. | 2610. | 5350. | 8500. | 10240. | 14110. | 10240. | 0. | 0. | 0. | 280000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 50.00 | 220.00 | .00 | 281000 |

+1000

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|------|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| O XI | 5.20 | 18. | 57. | 207. | 860. | 700. | 770. | .00 | .00 | 0. | 282000 |
| GR | 2286.7 | 0. | 2271.0 | 31. | 2271.0 | 42. | 2261.5 | 57. | 2258.0 | 62. | 283000 |
| GR | 2257.1 | 92. | 2258.1 | 136. | 2261.1 | 152. | 2261.1 | 162. | 2258.0 | 172. | 284000 |
| GR | 2257.1 | 194. | 2258.0 | 187. | 2261.5 | 207. | 2265.9 | 219. | 2271.0 | 227. | 285000 |
| GR | 2271.0 | 254. | 2268.7 | 259. | 2320.0 | 327. | .0 | 0. | .0 | 0. | 286000 |
| NC | .150 | .120 | .060 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 287000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 105.00 | 235.00 | .00 | 289000 |

+1000

| | | | | | | | | | | | |
|------|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|--------|
| P XI | 5.41 | 16. | 115. | 226. | 1120. | 1120. | 1120. | .00 | .00 | 0. | 290000 |
| GR | 2307.5 | 0. | 2275.1 | 72. | 2273.1 | 95. | 2268.9 | 115. | 2267.0 | 125. | 291000 |
| GR | 2265.7 | 155. | 2265.7 | 182. | 2266.9 | 211. | 2268.7 | 220. | 2270.9 | 246. | 292000 |
| GR | 2274.3 | 311. | 2277.5 | 393. | 2274.1 | 443. | 2276.4 | 469. | 2276.4 | 489. | 293000 |
| GR | 2276.1 | 654. | 2276.1 | 859. | 2306.0 | 975. | .0 | 0. | .0 | 0. | 294000 |
| NC | .150 | .100 | .045 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 295000 |
| ET | 6. | 2590. | 5320. | 8500. | 10160. | 14020. | 10160. | 0. | 0. | 0. | 296000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 160.00 | 285.00 | .00 | 297000 |

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|----|--------|------|--------|------|--------|-------|--------|--------|--------|------|--------|
| XI | 5.70 | 19. | 160. | 274. | 1160. | 1920. | 1500. | .00 | .00 | 0. | 298000 |
| GR | 2319.5 | 0. | 2291.8 | 72. | 2291.8 | 95. | 2286.7 | 120. | 2283.8 | 169. | 299000 |
| GR | 2281.7 | 178. | 2280.2 | 220. | 2280.2 | 228. | 2281.7 | 269. | 2283.9 | 274. | 300000 |
| GR | 2289.3 | 286. | 2290.1 | 293. | 2290.1 | 312. | 2294.6 | 412. | 2310.3 | 514. | 301000 |
| GR | 2312.8 | 536. | 2312.8 | 550. | 2312.3 | 566. | 2317.1 | 617. | .0 | .0 | 302000 |
| NC | .130 | .060 | .045 | .0 | .0 | | | | | | 303000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 550.00 | 670.00 | .00 | 305000 |

| | | | | | | | | | | | |
|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|--------|
| XI | 5.84 | 13. | 563. | 659. | 585. | 585. | 585. | .00 | .00 | 0. | 306000 |
| GR | 2300.5 | 67. | 2297.7 | 327. | 2297.0 | 457. | 2295.0 | 498. | 2295.7 | 563. | 308000 |
| GR | 2285.7 | 591. | 2283.9 | 611. | 2283.9 | 622. | 2285.7 | 637. | 2298.2 | 659. | 309000 |
| GR | 2298.2 | 678. | 2297.6 | 686. | 2347.2 | 754. | .0 | 0. | .0 | 0. | 310000 |
| NC | .120 | .100 | .045 | .0 | .0 | | | | | | 311000 |
| DI | 6. | 2570. | 5300. | 8470. | 10120. | 13970. | 10120. | .0 | 0. | 0. | 312000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 340.00 | 445.00 | .00 | 313000 |

| | | | | | | | | | | | |
|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| XI | 5.96 | 17. | 352. | 434. | 600. | 450. | 500. | .00 | .00 | 0. | 314000 |
| GR | 2344.8 | 0. | 2313.1 | 69. | 2305.3 | 97. | 2308.2 | 140. | 2309.2 | 189. | 315000 |
| GR | 2308.1 | 255. | 2305.2 | 312. | 2303.9 | 333. | 2295.1 | 352. | 2293.4 | 352. | 316000 |
| GR | 2293.8 | 434. | 2295.1 | 434. | 2301.0 | 500. | 2304.6 | 528. | 2304.6 | 552. | 317000 |
| GR | 2303.6 | 550. | 2333.2 | 601. | .0 | 0. | .0 | 0. | .0 | 0. | 318000 |
| FJ | | | | | | | | | | | 319000 |

THIS RPT EXECUTED 07/15/86, 11:46 AM

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|-------------|-----|-------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFK | 003 | 30000 |
| T2 | 100-YEAR FLOODWAY | H011270 JHI | 003 | 31000 |
| T3 | RAVEN FORK | | 003 | 32000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|--------|
| J1 | ICHECK | IND | NINV | IDIR | STRT | METRIC | HVINS | 0 | WSFL | FO | |
| | 0. | 7. | 0. | 0. | .00720 | 0. | .00 | 0. | 2025.00 | .00 | 333000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|--------|
| J2 | NPRDF | 1PLOT | PREVS | XSECV | XSECH | FN | ALLDC | IBW | CHNTH | ITRACE | |
| | 15. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 334000 |

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER
 NOTCATFS MESSAGE IN SUMMARY OF ERRORS LIST

RAVEN FORK

SUMMARY PRINTOUT TABLE 110

| SECON | CRSEL | DIFKWS | EG | TOPWID | PERFNC | STENCL | STENCR | STGHL | STCHR | QLOB | QCH | QROB |
|-------|---------|--------|---------|--------|--------|--------|--------|-------|-------|-------|--------|-------|
| .210 | 2024.93 | -.07 | 2026.51 | 572. | 0. | 0. | 0. | 768. | 857. | 85. | 9214. | 1601. |
| .210 | 2025.71 | .78 | 2027.76 | 150. | 150. | 750. | 900. | 768. | 857. | 125. | 10626. | 149. |
| .210 | 2025.92 | .00 | 2026.78 | 935. | 0. | 0. | 0. | 768. | 857. | 221. | 8009. | 2671. |
| .210 | 2026.22 | .30 | 2028.05 | 150. | 150. | 750. | 900. | 768. | 857. | 144. | 10565. | 191. |
| .210 | 2024.21 | .00 | 2027.81 | 89. | 0. | 0. | 0. | 768. | 857. | 0. | 10900. | 0. |
| .210 | 2025.91 | 1.00 | 2028.39 | 89. | 150. | 750. | 900. | 768. | 857. | 0. | 10900. | 0. |
| .210 | 2026.04 | .00 | 2028.31 | 333. | 0. | 0. | 0. | 768. | 857. | 0. | 10652. | 248. |
| .210 | 2026.52 | .48 | 2028.81 | 89. | 150. | 750. | 900. | 768. | 857. | 0. | 10900. | 0. |
| .210 | 2028.24 | .00 | 2028.51 | 1462. | 0. | 0. | 0. | 768. | 857. | 1985. | 6194. | 2722. |
| .210 | 2027.50 | -.74 | 2028.91 | 150. | 150. | 750. | 900. | 768. | 857. | 182. | 10425. | 294. |
| .210 | 2028.27 | .00 | 2026.59 | 1469. | 0. | 0. | 0. | 768. | 857. | 2163. | 6623. | 2114. |
| .210 | 2027.73 | -.54 | 2029.07 | 150. | 150. | 750. | 900. | 768. | 857. | 188. | 10401. | 311. |
| .400 | 2031.41 | .00 | 2033.03 | 739. | 0. | 0. | 0. | 768. | 857. | 125. | 9742. | 1032. |
| .400 | 2032.20 | .79 | 2034.04 | 150. | 150. | 750. | 900. | 768. | 857. | 143. | 10569. | 189. |
| .560 | 2037.55 | .00 | 2039.51 | 157. | 0. | 0. | 0. | 400. | 515. | 218. | 10679. | 3. |
| .560 | 2037.89 | .34 | 2039.77 | 125. | 125. | 400. | 525. | 400. | 515. | 91. | 10803. | 6. |
| .600 | 2039.34 | .00 | 2041.91 | 170. | 0. | 0. | 0. | 433. | 541. | 288. | 10526. | 86. |
| .600 | 2039.52 | .19 | 2042.01 | 146. | 155. | 395. | 550. | 433. | 541. | 305. | 10570. | 26. |
| .600 | 2040.75 | .00 | 2042.56 | 140. | 0. | 0. | 0. | 433. | 541. | 398. | 10502. | 0. |
| .600 | 2040.86 | .10 | 2042.62 | 140. | 155. | 395. | 550. | 433. | 541. | 406. | 10494. | 0. |
| .600 | 2041.15 | .00 | 2042.81 | 140. | 0. | 0. | 0. | 433. | 540. | 432. | 10468. | 0. |
| .600 | 2041.23 | .08 | 2042.86 | 140. | 155. | 395. | 550. | 433. | 540. | 438. | 10462. | 0. |

| SECNO | CWSEL | DIFKWS | EG | TOPWID | PERFNC | STENCL | STENCR | STCHL | STCHR | QLOB | QCH | QROB |
|---------|---------|--------|---------|--------|--------|--------|--------|-------|-------|-------|--------|-------|
| .600 | 2041.52 | .00 | 2042.92 | 385. | 0. | 0. | 0. | 433. | 540. | 445. | 10145. | 310. |
| .600 | 2041.44 | -.08 | 2042.96 | 151. | 155. | 395. | 550. | 433. | 540. | 449. | 10375. | 75. |
| .800 | 2050.06 | .00 | 2052.01 | 105. | 0. | 0. | 0. | 250. | 330. | 162. | 10518. | 200. |
| .800 | 2050.21 | .15 | 2052.12 | 100. | 100. | 240. | 340. | 250. | 330. | 163. | 10535. | 203. |
| .940 | 2055.69 | .00 | 2056.96 | 177. | 0. | 0. | 0. | 251. | 320. | 246. | 9026. | 1568. |
| .940 | 2055.80 | .10 | 2057.52 | 100. | 100. | 240. | 340. | 251. | 320. | 215. | 10086. | 539. |
| 1.420 | 2077.34 | .00 | 2079.75 | 121. | 0. | 0. | 0. | 35. | 104. | 193. | 10086. | 531. |
| 1.420 | 2077.85 | .51 | 2080.24 | 90. | 90. | 25. | 115. | 35. | 104. | 197. | 10371. | 242. |
| * 1.640 | 2098.90 | .00 | 2102.27 | 154. | 0. | 0. | 0. | 147. | 201. | 1842. | 8770. | 198. |
| * 1.640 | 2098.55 | -.36 | 2102.82 | 90. | 90. | 120. | 210. | 147. | 201. | 1342. | 9267. | 200. |
| 1.760 | 2105.70 | .00 | 2106.47 | 415. | 0. | 0. | 0. | 26. | 118. | 191. | 8795. | 1824. |
| 1.760 | 2106.46 | .77 | 2107.53 | 115. | 115. | 15. | 130. | 26. | 118. | 226. | 10216. | 368. |
| 2.200 | 2132.47 | .00 | 2135.77 | 114. | 0. | 0. | 0. | 94. | 160. | 609. | 10038. | 52. |
| 2.200 | 2132.82 | .34 | 2136.22 | 80. | 80. | 85. | 165. | 94. | 160. | 256. | 10386. | 58. |
| 2.520 | 2155.72 | .00 | 2158.02 | 381. | 0. | 0. | 0. | 334. | 388. | 1594. | 8832. | 274. |
| 2.520 | 2156.22 | .50 | 2159.02 | 100. | 100. | 295. | 395. | 334. | 388. | 828. | 9690. | 181. |
| 2.620 | 2160.10 | .00 | 2161.89 | 214. | 0. | 0. | 0. | 112. | 177. | 96. | 9541. | 993. |
| 2.620 | 2160.99 | .89 | 2162.45 | 189. | 205. | 85. | 290. | 112. | 177. | 107. | 9322. | 1201. |
| 2.620 | 2160.52 | .00 | 2162.13 | 220. | 0. | 0. | 0. | 112. | 177. | 101. | 9398. | 1131. |
| 2.620 | 2161.26 | .74 | 2162.64 | 192. | 205. | 85. | 290. | 112. | 177. | 111. | 9244. | 1275. |
| 2.620 | 2160.80 | .00 | 2162.29 | 223. | 0. | 0. | 0. | 112. | 177. | 104. | 9308. | 1218. |
| 2.620 | 2161.85 | 1.06 | 2163.06 | 201. | 205. | 85. | 290. | 112. | 177. | 122. | 9084. | 1423. |
| 2.620 | 2160.87 | .00 | 2162.34 | 224. | 0. | 0. | 0. | 112. | 177. | 105. | 9284. | 1242. |
| 2.620 | 2161.90 | 1.03 | 2163.09 | 202. | 205. | 85. | 290. | 112. | 177. | 123. | 9074. | 1432. |
| 2.860 | 2170.52 | .00 | 2172.65 | 236. | 0. | 0. | 0. | 70. | 155. | 51. | 9929. | 649. |
| 2.860 | 2170.73 | .21 | 2173.05 | 102. | 105. | 60. | 165. | 70. | 155. | 57. | 10369. | 204. |
| 3.110 | 2181.32 | .00 | 2182.74 | 181. | 0. | 0. | 0. | 125. | 203. | 505. | 9600. | 455. |
| 3.110 | 2181.71 | .39 | 2183.26 | 95. | 95. | 115. | 210. | 125. | 203. | 285. | 10109. | 166. |
| 3.360 | 2187.67 | .00 | 2188.52 | 545. | 0. | 0. | 0. | 90. | 214. | 286. | 9640. | 634. |
| 3.360 | 2188.07 | .40 | 2189.03 | 160. | 160. | 60. | 240. | 90. | 214. | 134. | 10292. | 134. |
| 3.581 | 2193.33 | .00 | 2193.60 | 1001. | 0. | 0. | 0. | 122. | 217. | 64. | 3241. | 7184. |
| 3.581 | 2194.22 | .89 | 2194.89 | 310. | 310. | 100. | 410. | 122. | 217. | 126. | 4739. | 5625. |
| 3.860 | 2203.40 | .00 | 2205.06 | 649. | 0. | 0. | 0. | 470. | 646. | 92. | 10225. | 174. |
| 3.860 | 2203.91 | .50 | 2205.37 | 194. | 220. | 450. | 670. | 470. | 646. | 100. | 10390. | 0. |

| SECD | CNSL | DIFKWS | EG | TOPWID | PERFNC | STENCL | STENCP | STCHI | STCHR | QLOB | QCH | QROB |
|-------|---------|--------|---------|--------|--------|--------|--------|-------|-------|-------|--------|------|
| 4.000 | 2211.66 | .00 | 2214.08 | 237. | 0. | 0. | 0. | 100. | 197. | 14. | 9773. | 633. |
| 4.000 | 2211.55 | -.13 | 2214.24 | 129. | 135. | 90. | 225. | 100. | 197. | 13. | 10038. | 369. |
| 4.000 | 2218.06 | .00 | 2219.65 | 268. | 0. | 0. | 0. | 100. | 197. | 36. | 10162. | 223. |
| 4.000 | 2218.26 | .20 | 2219.83 | 132. | 135. | 40. | 225. | 100. | 197. | 38. | 10236. | 146. |
| 4.250 | 2223.40 | .00 | 2225.02 | 272. | 0. | 0. | 0. | 185. | 276. | 719. | 9442. | 259. |
| 4.250 | 2223.56 | .15 | 2225.49 | 145. | 145. | 140. | 285. | 185. | 276. | 114. | 10135. | 171. |
| 4.250 | 2224.61 | .00 | 2225.26 | 288. | 0. | 0. | 0. | 185. | 276. | 2664. | 7204. | 553. |
| 4.250 | 2224.37 | -.24 | 2225.77 | 145. | 145. | 140. | 285. | 185. | 276. | 519. | 9511. | 390. |
| 4.250 | 2224.37 | .00 | 2225.52 | 211. | 0. | 0. | 0. | 186. | 274. | 3134. | 7286. | 0. |
| 4.250 | 2227.88 | -.49 | 2226.29 | 94. | 145. | 140. | 285. | 186. | 274. | 1. | 10419. | 0. |
| 4.250 | 2224.93 | .00 | 2225.95 | 228. | 0. | 0. | 0. | 186. | 274. | 3717. | 6697. | 6. |
| 4.250 | 2224.85 | -.06 | 2227.22 | 112. | 145. | 140. | 285. | 186. | 274. | 59. | 10361. | 0. |
| 4.250 | 2225.52 | .00 | 2226.00 | 307. | 0. | 0. | 0. | 185. | 276. | 3005. | 6819. | 597. |
| 4.250 | 2226.49 | .97 | 2227.38 | 145. | 145. | 140. | 285. | 185. | 276. | 856. | 9183. | 381. |
| 4.250 | 2225.42 | .00 | 2226.19 | 304. | 0. | 0. | 0. | 185. | 276. | 1800. | 8322. | 296. |
| 4.250 | 2226.46 | 1.04 | 2227.51 | 145. | 145. | 140. | 285. | 185. | 276. | 454. | 9796. | 169. |
| 4.560 | 2232.30 | .00 | 2234.48 | 111. | 0. | 0. | 0. | 87. | 164. | 92. | 10106. | 132. |
| 4.560 | 2232.85 | .55 | 2234.84 | 95. | 95. | 80. | 175. | 87. | 164. | 77. | 10116. | 137. |
| 4.750 | 2242.23 | .00 | 2245.75 | 85. | 0. | 0. | 0. | 106. | 184. | 19. | 10290. | 1. |
| 4.750 | 2242.32 | -.02 | 2245.75 | 86. | 100. | 95. | 195. | 106. | 184. | 19. | 10290. | 1. |
| 4.850 | 2247.44 | .00 | 2248.77 | 113. | 0. | 0. | 0. | 106. | 184. | 131. | 10153. | 26. |
| 4.850 | 2247.44 | -.00 | 2248.78 | 96. | 100. | 95. | 195. | 106. | 184. | 100. | 10184. | 26. |
| 5.050 | 2256.80 | .00 | 2260.68 | 84. | 0. | 0. | 0. | 106. | 184. | 13. | 10296. | 0. |
| 5.050 | 2256.80 | .00 | 2260.68 | 84. | 100. | 95. | 195. | 106. | 184. | 13. | 10296. | 0. |
| 5.200 | 2265.59 | .00 | 2267.63 | 171. | 0. | 0. | 0. | 57. | 207. | 32. | 10132. | 76. |
| 5.200 | 2266.58 | -.00 | 2267.62 | 170. | 170. | 50. | 220. | 57. | 207. | 32. | 10132. | 76. |
| 5.410 | 2274.24 | .00 | 2276.36 | 275. | 0. | 0. | 0. | 115. | 226. | 205. | 9334. | 701. |
| 5.410 | 2275.13 | .19 | 2276.77 | 130. | 130. | 105. | 235. | 115. | 226. | 121. | 9960. | 158. |
| 5.700 | 2288.73 | .00 | 2290.94 | 169. | 0. | 0. | 0. | 169. | 274. | 319. | 9778. | 63. |
| 5.700 | 2288.05 | .22 | 2291.22 | 125. | 125. | 160. | 285. | 169. | 274. | 88. | 10002. | 70. |
| 5.800 | 2295.05 | .00 | 2298.51 | 89. | 0. | 0. | 0. | 563. | 659. | 0. | 10160. | 0. |
| 5.800 | 2295.04 | .00 | 2298.51 | 89. | 120. | 550. | 670. | 563. | 659. | 0. | 10160. | 0. |
| 5.960 | 2302.05 | .00 | 2304.50 | 171. | 0. | 0. | 0. | 352. | 434. | 140. | 8981. | 999. |
| 5.960 | 2301.20 | -.09 | 2305.07 | 105. | 105. | 340. | 445. | 352. | 434. | 151. | 9673. | 296. |

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FLOODWAY DATA, RAVEN FORK
PROFILE NO. 2

| STATION | WIDTH | FLOODWAY SECTION | | WATER SURFACE ELEVATION DIFFERENCE | | |
|------------|-------|------------------|---------------|------------------------------------|------------------|-----|
| | | AREA | MEAN VELOCITY | WITH FLOODWAY | WITHOUT FLOODWAY | |
| .210 | 150. | 1060. | 10.3 | 2025.7 | 2024.9 | .8 |
| .210 | 150. | 1138. | 9.6 | 2026.2 | 2025.9 | .3 |
| 1.210 | 150. | 863. | 12.6 | 2025.9 | 2024.9 | 1.0 |
| .210 | 150. | 897. | 12.1 | 2026.5 | 2026.0 | .5 |
| .210 | 150. | 1329. | 8.2 | 2028.2 | 2028.2 | .0 |
| .210 | 150. | 1363. | 8.0 | 2028.3 | 2028.3 | .0 |
| .400 | 150. | 1135. | 9.6 | 2032.2 | 2031.4 | .8 |
| 2027 .560 | 125. | 1026. | 10.6 | 2037.9 | 2037.6 | .3 |
| .600 | 155. | 925. | 11.8 | 2039.5 | 2039.3 | .2 |
| .600 | 155. | 1096. | 9.9 | 2040.9 | 2040.8 | .1 |
| .600 | 155. | 1103. | 9.5 | 2041.2 | 2041.1 | .1 |
| .600 | 155. | 1206. | 9.0 | 2041.5 | 2041.5 | .0 |
| 424 .800 | 100. | 1061. | 10.3 | 2050.2 | 2050.1 | .1 |
| .900 | 100. | 1176. | 9.2 | 2055.8 | 2055.7 | .1 |
| 74510 .420 | 90. | 953. | 11.2 | 2077.9 | 2077.3 | .6 |
| A 1.640 | 90. | 735. | 14.7 | 2098.9 | 2098.9 | .0 |
| B 1.760 | 115. | 1408. | 7.7 | 2106.5 | 2105.7 | .8 |
| C 2.200 | 80. | 771. | 13.9 | 2132.8 | 2132.5 | .3 |
| D 2.520 | 100. | 994. | 10.8 | 2156.2 | 2155.7 | .5 |
| 2.620 | 205. | 1400. | 7.6 | 2161.0 | 2160.1 | .9 |
| 2.620 | 205. | 1453. | 7.3 | 2161.3 | 2160.5 | .8 |
| 2.620 | 205. | 1569. | 6.8 | 2161.9 | 2160.8 | 1.1 |
| E 2.620 | 205. | 1576. | 6.7 | 2161.9 | 2160.9 | 1.0 |
| F 2.860 | 105. | 912. | 11.6 | 2170.7 | 2170.5 | .2 |
| G 3.110 | 95. | 1137. | 9.3 | 2181.7 | 2181.3 | .4 |
| H 3.360 | 100. | 1411. | 7.5 | 2188.1 | 2187.7 | .4 |
| I 3.580 | 310. | 1724. | 6.1 | 2194.2 | 2193.3 | .9 |
| J 3.860 | 220. | 1106. | 9.5 | 2203.9 | 2203.4 | .5 |
| 4.000 | 135. | 809. | 12.3 | 2211.7 | 2211.7 | .0 |
| K 4.090 | 135. | 1100. | 9.5 | 2218.3 | 2218.1 | .2 |
| 4.250 | 145. | 1041. | 10.0 | 2223.6 | 2223.4 | .2 |
| 4.250 | 145. | 1159. | 9.0 | 2224.6 | 2224.6 | .0 |
| 4.250 | 145. | 837. | 12.4 | 2224.4 | 2224.4 | .0 |
| 4.250 | 145. | 850. | 12.3 | 2224.9 | 2224.9 | .0 |
| 4.250 | 145. | 1466. | 7.1 | 2226.5 | 2225.5 | 1.0 |
| L 4.250 | 145. | 1462. | 7.1 | 2226.5 | 2225.4 | 1.1 |
| M 4.560 | 95. | 974. | 10.6 | 2232.9 | 2232.3 | .6 |
| 4.750 | 100. | 705. | 14.7 | 2242.3 | 2242.3 | .0 |
| N 4.850 | 100. | 1175. | 8.8 | 2247.4 | 2247.4 | .0 |
| 5.050 | 100. | 659. | 15.6 | 2256.8 | 2256.8 | .0 |
| O 5.200 | 170. | 1287. | 8.0 | 2266.6 | 2266.6 | .0 |
| P 5.410 | 150. | 1061. | 9.7 | 2275.1 | 2274.9 | .2 |

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FLOODWAY DATA, RAVEN FORK
PROFILE NO. 2

| STATION | FLOODWAY | | | WATER SURFACE ELEVATION | | |
|---------|----------|--------------|---------------|-------------------------|------------------|------------|
| | WIDTH | SECTION AREA | MEAN VELOCITY | WITH FLOODWAY | WITHOUT FLOODWAY | DIFFERENCE |
| Q 5.700 | 125. | 893. | 11.4 | 2289.0 | 2288.7 | .3 |
| R 5.000 | 120. | 685. | 14.8 | 2295.1 | 2295.0 | .1 |
| S 5.960 | 105. | 789. | 12.8 | 2302.1 | 2302.1 | .0 |

INPUT CARD LISTING

| | | | | | | | | | | | |
|----------|------------------------|--------|--------|--------|-------------------|--------|--------|--------|--------|--------|-------|
| T1 | CHEROKEE IMPDTAN LANDS | | | | DSN=RAVENFWI | | | | 1000 | | |
| T2 | 100-YEAR FLOOD | | | | H011270 JHN | | | | 2000 | | |
| T3 | RAVEN FORK | | | | 100-YEAR FLOODWAY | | | | 3000 | | |
| J1 | 5 | | | | 2302.1 | | | | 4000 | | |
| J2 | -1 | | | | | | | | 5000 | | |
| J3 | 110 | 0 | 200 | | | | | 6000 | | | |
| J6 | 1 | | | | | | | | 6100 | | |
| NC | .12 | .10 | .055 | .1 | .5 | | | | 7000 | | |
| QT | 6 | 2570 | 5300 | 8470 | 10120 | 13970 | 10120 | 8000 | | | |
| FI | | | | | 8.11 340 445 | | | | 9000 | | |
| X1 | 5.06 | 17 | 352 | 434 | 600 | 450 | 500 | 10000 | | | |
| GR2344.4 | 0 | 2313.1 | 69 | 2305.3 | 97 | 2308.2 | 140 | 2309.2 | 189 | 11000 | |
| GR2308.1 | 255 | 2305.2 | 312 | 2303.9 | 333 | 2295.1 | 352 | 2293.8 | 352 | 12000 | |
| GR2293.8 | 434 | 2295.1 | 434 | 2301.0 | 500 | 2304.6 | 528 | 2304.6 | 552 | 13000 | |
| GR2303.6 | 556 | 2333.2 | 601 | | | | | 14000 | | | |
| NC | .12 | .06 | .055 | .1 | .5 | | | | 15000 | | |
| QT | 6 | 2564 | 5285 | 8449 | 10092 | 13935 | 10092 | 16000 | | | |
| FI | | | | | 8.11 360 465 | | | | 17000 | | |
| X1 | 6.14 | 25 | 370 | 456 | 900 | 730 | 840 | 18000 | | | |
| GR2325.0 | 73 | 2315.6 | 100 | 2313.3 | 150 | 2313.6 | 206 | 2314.1 | 222 | 19000 | |
| GR2313.3 | 255 | 2312.9 | 291 | 2312.0 | 305 | 2308.7 | 342 | 2305.5 | 366 | 20000 | |
| GR2304.1 | 370 | 2301.7 | 377 | 2300.2 | 385 | 2299.8 | 409 | 2299.7 | 410 | 21000 | |
| GR2299.3 | 430 | 2299.8 | 441 | 2301.6 | 449 | 2304.0 | 456 | 2308.5 | 460 | 22000 | |
| GR2315.2 | 469 | 2310.3 | 476 | 2317.1 | 496 | 2310.2 | 502 | 2325.0 | 510 | 23000 | |
| NH | 4 | .15 | 445 | .06 | 525 | .08 | 599 | .05 | 733 | 24000 | |
| QT | 6 | 2558 | 5278 | 8436 | 10075 | 13914 | 10075 | 25000 | | | |
| ET | | | | | 8.11 435 565 | | | | 26000 | | |
| X1 | 6.25 | 33 | 445 | 525 | 620 | 620 | 620 | 27000 | | | |
| GR2330.0 | 9 | 2320.5 | 46 | 2318.7 | 71 | 2317.6 | 140 | 2317.2 | 176 | 28000 | |
| GR2317.3 | 186 | 2317.3 | 238 | 2317.8 | 261 | 2319.2 | 322 | 2319.5 | 445 | 29000 | |
| GR2314.0 | 452 | 2311.2 | 463 | 2308.3 | 466 | 2307.3 | 466 | 2306.4 | 472 | 30000 | |
| GR2306.7 | 488 | 2306.4 | 498 | 2307.3 | 509 | 2308.5 | 519 | 2309.0 | 525 | 31000 | |
| GR2310.9 | 553 | 2311.0 | 573 | 2313.6 | 586 | 2317.0 | 593 | 2317.9 | 599 | 32000 | |
| GR2318.1 | 621 | 2316.9 | 627 | 2317.0 | 633 | 2316.0 | 636 | 2317.8 | 645 | 33000 | |
| GR2319.3 | 662 | 2320.7 | 675 | 2330.0 | 733 | | | | | 34000 | |
| NC | .15 | .07 | .05 | .3 | .8 | | | | 35000 | | |
| QT | 6 | 2550 | 5267 | 8417 | 10051 | 13885 | 10051 | 36000 | | | |
| FI | | | | | 8.11 240 345 | | | | 37000 | | |
| X1 | 6.41 | 29 | 250 | 335 | 740 | 740 | 740 | 38000 | | | |
| GR2330.0 | 0 | 2326.8 | 106 | 2326.4 | 134 | 2325.6 | 155 | 2325.4 | 205 | 39000 | |
| GR2324.0 | 210 | 2323.8 | 224 | 2318.9 | 230 | 2317.0 | 240 | 2316.0 | 250 | 40000 | |
| GR2315.0 | 250 | 2313.2 | 255 | 2313.0 | 275 | 2312.5 | 296 | 2312.0 | 301 | 41000 | |
| GR2312.4 | 312 | 2312.7 | 317 | 2314.0 | 325 | 2316.5 | 326 | 2318.2 | 335 | 42000 | |
| GR2319.9 | 351 | 2322.9 | 364 | 2322.9 | 381 | 2321.9 | 389 | 2324.2 | 450 | 43000 | |
| GR2325.3 | 475 | 2326.0 | 550 | 2328.0 | 582 | 2340.0 | 582 | | | 44000 | |
| FI | | | | | 8.11 240 345 | | | | 45000 | | |
| X1 | 6.41 | 00 | | | | 00 | 00 | | | 44000 | |
| QB | 1.25 | 1.6 | 3 | 0 | 85.01 | .01 | 748 | 0 | 2314.0 | 2314.0 | 47000 |
| FI | | | | | 8.11 240 345 | | | | 48000 | | |
| X1 | 6.41 | 30 | | | | 30 | 30 | | | 49000 | |
| Y2 | 1 | | | | 2322.8 | 2324.4 | | | 50000 | | |
| R1 | 18 | 0 | 2325.3 | 0 | 75 | 2330.3 | 0 | 135 | 2328.4 | 0 | 51000 |
| R1 | 190 | 2325.0 | 0 | 140 | 2324.3 | 0 | 197 | 2324.0 | 0 | 217 | 52000 |
| R1 | 2325.1 | 0 | 240 | 2325.6 | 0 | 245 | 2328.0 | 0 | 298 | 2328.4 | 53000 |
| R1 | 0 | 335 | 2326.0 | 0 | 337 | 2325.7 | 0 | 379 | 2325.1 | 0 | 54000 |
| R1 | 384 | 2328.0 | 0 | 430 | 2326.3 | 0 | 537 | 2330.0 | 0 | 582 | 55000 |

| | | | | | | | | | | |
|----------|------|--------|--------|--------|-------|--------|-----|--------|-----|--------|
| RT2330.9 | 0 | 582 | 2340.0 | | | | | | | 56000 |
| ET | | | | | 8.11 | 240 | 345 | | | 57000 |
| X1 6.41 | 23 | 250 | 335 | 10 | 10 | 10 | | | | 58000 |
| GR2333.0 | 0 | 2331.6 | 45 | 2329.0 | 150 | 2326.1 | 200 | 2326.1 | 223 | 59000 |
| GR2316.5 | 250 | 2314.9 | 255 | 2313.6 | 262 | 2313.3 | 274 | 2314.0 | 263 | 60000 |
| GR2313.1 | 290 | 2313.0 | 300 | 2313.2 | 313 | 2313.8 | 320 | 2314.7 | 325 | 61000 |
| GR2316.5 | 326 | 2319.0 | 335 | 2326.4 | 361 | 2326.4 | 381 | 2328.4 | 461 | 62000 |
| GR2329.5 | 523 | 2330.5 | 502 | 2340.0 | 582 | | | | | 63000 |
| NC | | | .1 | .5 | | | | | | 63100 |
| NH 5 | .15 | 238 | .18 | 264 | .05 | 341 | .15 | 378 | .07 | 64000 |
| NH 572 | | | | | | | | | | 65000 |
| FI | | | | | 8.11 | 230 | 350 | | | 66000 |
| X1 6.5 | 28 | 264 | 341 | 480 | 480 | 480 | | | | 67000 |
| GR2340.0 | 3 | 2331.5 | 70 | 2329.0 | 120 | 2329.2 | 137 | 2329.1 | 150 | 68000 |
| GR2328.4 | 176 | 2328.0 | 220 | 2326.0 | 225 | 2326.4 | 238 | 2321.7 | 245 | 69000 |
| GR2320.0 | 252 | 2318.9 | 260 | 2317.1 | 266 | 2315.9 | 270 | 2315.3 | 307 | 70000 |
| GR2315.2 | 327 | 2315.3 | 330 | 2316.5 | 339 | 2319.3 | 341 | 2321.2 | 352 | 71000 |
| GR2322.7 | 367 | 2325.6 | 375 | 2325.6 | 396 | 2324.8 | 403 | 2327.1 | 470 | 72000 |
| GR2327.9 | 464 | 2328.5 | 530 | 2340.0 | 572 | | | | | 73000 |
| NH 4 | .15 | 232 | .18 | 310 | .065 | 415 | .07 | 538 | | 74000 |
| OT 6 | 2541 | 5255 | 8396 | 10024 | 13051 | 10024 | | | | 75000 |
| FI | | | | | 8.11 | 300 | 425 | | | 76000 |
| X1 6.54 | 10 | 310 | 415 | 490 | 490 | 490 | | | | 77000 |
| GR2350.0 | 36 | 2335.9 | 60 | 2334.2 | 105 | 2335.2 | 150 | 2335.9 | 200 | 78000 |
| GR2330.0 | 232 | 2334.5 | 252 | 2332.1 | 278 | 2329.2 | 297 | 2328.0 | 310 | 79000 |
| GR2325.5 | 310 | 2324.2 | 323 | 2323.0 | 339 | 2323.5 | 395 | 2325.6 | 408 | 80000 |
| GR2326.3 | 415 | 2326.4 | 450 | 2336.7 | 465 | 2350.0 | 538 | | | 81000 |
| NH 4 | .15 | 250 | .18 | 320 | .065 | 430 | .07 | 453 | | 82000 |
| FI | | | | | 8.11 | 320 | 440 | | | 83000 |
| X1 6.66 | 20 | 320 | 430 | 570 | 370 | 370 | | | | 84000 |
| GR2355.0 | 37 | 2337.0 | 106 | 2335.2 | 121 | 2336.6 | 189 | 2337.0 | 220 | 85000 |
| GR2337.1 | 250 | 2335.4 | 267 | 2332.8 | 300 | 2330.0 | 317 | 2329.1 | 328 | 86000 |
| GR2326.7 | 332 | 2326.2 | 334 | 2325.3 | 341 | 2325.0 | 345 | 2325.0 | 417 | 87000 |
| GR2326.5 | 428 | 2327.0 | 430 | 2329.4 | 453 | 2337.7 | 483 | 2355.0 | 578 | 88000 |
| NH 4 | .20 | 170 | .06 | 294 | .06 | 325 | .08 | 470 | | 89000 |
| OT 5 | 2533 | 5243 | 8376 | 9990 | 13110 | 9990 | | | | 90000 |
| FI | | | | | 8.11 | 170 | 305 | | | 91000 |
| X1 6.76 | 20 | 170 | 240 | 600 | 600 | 600 | | | | 92000 |
| GR2365.0 | 30 | 2349.7 | 120 | 2349.0 | 130 | 2343.3 | 161 | 2339.0 | 178 | 93000 |
| GR2337.4 | 121 | 2335.9 | 142 | 2335.9 | 201 | 2335.1 | 220 | 2334.2 | 260 | 94000 |
| GR2333.5 | 271 | 2330.0 | 281 | 2337.7 | 280 | 2340.3 | 294 | 2345.0 | 309 | 95000 |
| GR2349.5 | 319 | 2349.8 | 325 | 2349.8 | 421 | 2355.0 | 459 | 2365.0 | 476 | 96000 |
| FI | | | | | 8.11 | 170 | 305 | | | 96010 |
| X1 6.80 | | | | 400 | 400 | 400 | | | | 96100 |
| ET | .15 | 83 | .06 | 146 | .10 | 170 | .05 | 250 | .10 | 97000 |
| OT 5 | 2520 | 5233 | 8337 | 9973 | 13780 | 9973 | | | | 98000 |
| FI | | | | | 8.11 | 35 | 305 | | | 99000 |
| X1 6.92 | 22 | 83 | 140 | 480 | 320 | 480 | | | | 100000 |
| GR2380.0 | 0 | 2350.5 | 43 | 2340.5 | 50 | 2345.2 | 50 | 2345.2 | 118 | 101000 |
| GR2346.5 | 110 | 2352.1 | 140 | 2353.2 | 150 | 2351.6 | 176 | 2345.2 | 180 | 102000 |
| GR2345.2 | 226 | 2350.0 | 250 | 2354.0 | 260 | 2350.0 | 265 | 2354.0 | 266 | 103000 |
| GR2354.0 | 350 | 2353.9 | 401 | 2353.9 | 494 | 2356.1 | 511 | 2356.1 | 530 | 104000 |
| GR2353.5 | 520 | 2382.7 | 600 | | | | | | | 107000 |
| NC | .07 | .06 | | | | | | | | 108000 |
| OT 6 | 2516 | 5221 | 8337 | 9987 | 13758 | 9987 | | | | 109000 |
| FI | | | | | 8.11 | 115 | 195 | | | 110000 |
| X1 7.04 | 10 | 125 | 120 | 600 | 600 | 640 | | | | 111000 |
| GR2375.0 | 5 | 2365.0 | 43 | 2362.7 | 60 | 2361.4 | 91 | 2360.7 | 105 | 112000 |
| GR2355.5 | 125 | 2352.7 | 129 | 2352.7 | 141 | 2352.7 | 145 | 2352.7 | 165 | 113000 |

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|-----------|-----|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|
| GR2352.7 | 189 | 2360.0 | 189 | 2366.0 | 199 | 2366.0 | 211 | 2365.2 | 229 | 114000 | |
| GR2363.6 | 235 | 2365.1 | 243 | 2367.5 | 248 | 2375.0 | 249 | | | 115000 | |
| NC | .13 | .00 | .07 | | | | | | | 116000 | |
| QT | 6 | 2507 | 5208 | 8314 | 9918 | 13722 | 9914 | | | 117000 | |
| ET | | | | | | 8.11 | 75 | 195 | | 118000 | |
| X1 7.28 | 12 | 85 | 183 | 1040 | 1040 | 1040 | | | | 119000 | |
| GR2409.7 | 0 | 2376.9 | 70 | 2369.7 | 85 | 2366.4 | 91 | 2365.0 | 110 | 120000 | |
| GR2365.0 | 137 | 2366.4 | 163 | 2370.9 | 183 | 2374.1 | 243 | 2378.2 | 277 | 121000 | |
| GR2378.1 | 329 | 2400.0 | 365 | | | | | | | 122000 | |
| NC | .10 | .10 | .055 | | | | | | | 123000 | |
| QT | 6 | 2500 | 5200 | 8300 | 9900 | 13700 | 9900 | | | 124000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 125000 | |
| X1 7.41 | 31 | 136 | 249 | 640 | 520 | 640 | | | | 126000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 48 | 2384.0 | 114 | 127000 | |
| GR2384.7 | 110 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 128000 | |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 129000 | |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 130000 | |
| GR2375.2 | 237 | 2371.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.2 | 281 | 131000 | |
| GR2380.4 | 290 | 2374.8 | 300 | 2376.9 | 312 | 2381.8 | 408 | 2395.0 | 420 | 132000 | |
| GR2400.0 | 426 | | | | | | | | | 133000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 133100 | |
| X1 7.41 | 28 | 112 | 250 | 40 | 40 | 40 | | | | 134000 | |
| GR2400.0 | 13 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 135000 | |
| GR2385.4 | 112 | 2376.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 136000 | |
| GR2373.2 | 170 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 137000 | |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 138000 | |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 139000 | |
| GR2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 140000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 140100 | |
| X1 7.41 | 35 | 112 | 250 | 1 | 1 | 1 | | | | 141000 | |
| RT | 10 | 46 | 2384.8 | 0 | 110 | 2385.4 | 0 | 110 | 2387.5 | 0 | 142000 |
| RT | 112 | 2387.5 | 0 | 112 | 2387.5 | 2382.4 | 250 | 2387.5 | 2382.4 | 250 | 143000 |
| RT 2387.5 | 0 | 252 | 2387.5 | 0 | 252 | 2385.3 | 0 | 272 | 2384.9 | | 144000 |
| RT | 0 | | | | | | | | | 145000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 146000 | |
| GR2385.4 | 110 | 2385.4 | 112 | 2378.5 | 112 | 2372.4 | 139 | 2374.9 | 151 | 147000 | |
| GR2382.4 | 151 | 2382.4 | 153 | 2374.8 | 153 | 2374.5 | 169 | 2373.2 | 170 | 148000 | |
| GR2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 2382.4 | 211 | 149000 | |
| GR2382.4 | 213 | 2373.4 | 213 | 2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 150000 | |
| GR2378.1 | 242 | 2378.2 | 250 | 2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 151000 | |
| GR2381.3 | 351 | 2381.3 | 368 | 2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | 152000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 152100 | |
| X1 7.41 | | | 30 | 30 | 30 | 30 | | | | 153000 | |
| X2 | | | | | | 1 | | | | 154000 | |
| NC | .10 | .10 | .055 | | | | | | | 155000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 155100 | |
| X1 7.41 | 25 | 112 | 250 | 1 | 1 | 1 | | | | 156000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.9 | 43 | 2384.8 | 46 | 157000 | |
| GR2385.4 | 112 | 2376.5 | 112 | 2376.4 | 139 | 2374.9 | 151 | 2374.5 | 169 | 158000 | |
| GR2373.2 | 170 | 2372.3 | 180 | 2372.7 | 188 | 2372.3 | 200 | 2373.3 | 211 | 159000 | |
| GR2373.4 | 216 | 2374.1 | 223 | 2374.5 | 223 | 2378.1 | 242 | 2378.2 | 250 | 160000 | |
| GR2385.3 | 250 | 2385.3 | 252 | 2384.9 | 272 | 2381.3 | 351 | 2381.3 | 368 | 161000 | |
| GR2380.7 | 388 | 2380.7 | 396 | 2400.0 | 426 | | | | | 162000 | |
| ET | | | | | | 8.11 | 100 | 270 | | 162100 | |
| X1 7.41 | 31 | 136 | 249 | 10 | 10 | 10 | | | | 163000 | |
| GR2400.0 | 18 | 2391.0 | 36 | 2386.4 | 41 | 2384.0 | 48 | 2384.0 | 114 | 164000 | |
| GR2384.7 | 110 | 2385.1 | 119 | 2384.1 | 125 | 2377.4 | 136 | 2374.5 | 159 | 165000 | |
| GR2373.7 | 167 | 2373.0 | 171 | 2372.8 | 175 | 2372.8 | 181 | 2371.7 | 186 | 166000 | |
| GR2371.6 | 197 | 2371.8 | 209 | 2372.9 | 216 | 2373.3 | 218 | 2373.4 | 223 | 167000 | |
| GR2375.2 | 237 | 2371.6 | 249 | 2378.5 | 254 | 2383.1 | 269 | 2381.2 | 280 | 168000 | |

| | | | | | | | | | | | | |
|----------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| GR2381.3 | 350 | 2301.3 | 368 | 2380.7 | 389 | 2380.7 | 397 | 2395.0 | 420 | 169000 | | |
| GR2400.0 | 426 | | | | | | | | | 170000 | | |
| NC | .15 | .13 | .06 | | | | | | | 171000 | | |
| QT | 6 | 2032 | 4200 | 6802 | 8282 | 11082 | 8282 | | | 172000 | | |
| ET | | | | | | | 8.11 | 45 | 215 | 173000 | | |
| X1 | 7.58 | 16 | 53 | 206 | 890 | 890 | 890 | | | 174000 | | |
| GR2420.4 | 0 | 2302.0 | 53 | 2386.1 | 74 | 2383.0 | 88 | 2382.0 | 105 | 175000 | | |
| GR2382.0 | 155 | 2302.9 | 178 | 2391.1 | 206 | 2391.1 | 216 | 2389.3 | 231 | 176000 | | |
| GR2389.4 | 310 | 2392.6 | 328 | 2392.6 | 350 | 2392.5 | 351 | 2393.1 | 486 | 177000 | | |
| GR2424.1 | 558 | | | | | | | | | 178000 | | |
| NC | .13 | .12 | .06 | | | | | | | 179000 | | |
| QT | 6 | 2040 | 4200 | 6840 | 8240 | 11440 | 8240 | | | 180000 | | |
| ET | | | | | | | 8.11 | 25 | 135 | 181000 | | |
| X1 | 7.09 | 14 | 32 | 125 | 2200 | 2320 | 2200 | | | 182000 | | |
| GR2400.0 | 0 | 2418.4 | 32 | 2406.7 | 45 | 2403.8 | 53 | 2403.8 | 80 | 183000 | | |
| GR2406.0 | 95 | 2406.8 | 95 | 2417.4 | 125 | 2422.0 | 228 | 2422.0 | 250 | 184000 | | |
| GR2419.1 | 267 | 2432.1 | 307 | 2445.2 | 367 | 2459.7 | 418 | | | 185000 | | |
| NC | .15 | .12 | .075 | | | | | | | 186000 | | |
| ET | | | | | | | 8.11 | 65 | 135 | 187000 | | |
| X1 | 8.20 | 10 | 71 | 116 | 1090 | 1090 | 1090 | -8.4 | | 188000 | | |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 189000 | | |
| GR2437.5 | 85 | 2434.4 | 46 | 2435.0 | 106 | 2441.3 | 116 | 2441.5 | 125 | 190000 | | |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 191000 | | |
| GR2457.7 | 144 | 2456.9 | 148 | 2460.0 | 200 | 2465.0 | 202 | | | 192000 | | |
| NC | .15 | .12 | .065 | | | | | | | 192100 | | |
| ET | | | | | | | 8.11 | 65 | 135 | 192110 | | |
| X1 | 8.35 | 10 | 71 | 116 | 770 | 770 | 770 | | | 193000 | | |
| GR2465.5 | 0 | 2449.0 | 41 | 2442.3 | 70 | 2441.5 | 71 | 2440.8 | 76 | 193100 | | |
| GR2440.0 | 78 | 2440.0 | 96 | 2440.0 | 114 | 2441.3 | 116 | 2441.5 | 125 | 193200 | | |
| GR2442.3 | 126 | 2444.5 | 137 | 2454.0 | 146 | 2455.1 | 167 | 2457.7 | 175 | 193300 | | |
| GR2457.7 | 144 | 2456.9 | 148 | 2460.0 | 200 | 2465.0 | 202 | | | 193400 | | |
| QT | 6 | 1200 | 2600 | 4300 | 5200 | 7400 | 5200 | | | 194000 | | |
| ET | | | | | | | 8.11 | 65 | 160 | 195000 | | |
| X1 | 8.39 | 12 | 75 | 130 | 240 | 110 | 160 | | | 195000 | | |
| GR2469.5 | 0 | 2461.0 | 22 | 2460.2 | 55 | 2451.0 | 75 | 2446.0 | 86 | 197000 | | |
| GR2444.4 | 90 | 2444.4 | 95 | 2444.5 | 103 | 2445.6 | 113 | 2450.3 | 130 | 198000 | | |
| GR2457.5 | 157 | 2475.0 | 161 | | | | | | | 199000 | | |
| ET | | | | | | | 8.11 | 65 | 160 | 200000 | | |
| X1 | 8.39 | | | | 40 | 40 | 40 | | | 201000 | | |
| SB | 1.25 | 1.6 | 3 | 0 | 45.0 | 3 | 574 | 1.46 | 2445.5 | 2045.5 | 202000 | |
| ET | | | | | | | 8.11 | 65 | 160 | 203000 | | |
| X1 | 8.39 | | | | 30 | 30 | 30 | | | 204000 | | |
| X2 | | | | | 1 | 2455.5 | 2459.0 | | | 205000 | | |
| BT | 11 | 0 | 2472.0 | 0 | 0 | 5 | 2467.5 | 0 | 22 | 2461.0 | 0 | 206000 |
| BT | 55 | 2454.2 | 0 | 57 | 2454.0 | 0 | 75 | 2459.0 | 0 | 75 | 207000 | |
| BT2461.0 | 0 | 0 | 80 | 2461.3 | 0 | 160 | 2461.3 | 0 | 162 | 2461.1 | 208000 | |
| BT | 0 | 181 | 2475.0 | 0 | | | | | | | 209000 | |
| NC | .15 | .12 | .055 | | | | | | | | 210000 | |
| ET | | | | | | | 8.11 | 65 | 160 | 211000 | | |
| X1 | 8.53 | | | | 10 | 10 | 10 | | | | 212000 | |
| NR | 4 | .12 | 220 | .06 | 288 | .08 | 480 | .20 | 753 | | 213000 | |
| ET | | | | | | | 8.11 | 210 | 500 | | 214000 | |
| X1 | 8.53 | 10 | 220 | 208 | 680 | 800 | 680 | | | | 215000 | |
| GR2513.5 | 0 | 2477.5 | 60 | 2469.2 | 80 | 2470.6 | 94 | 2470.6 | 115 | 216000 | | |
| GR2467.7 | 156 | 2457.0 | 220 | 2455.0 | 224 | 2452.5 | 230 | 2452.5 | 273 | 217000 | | |
| GR2455.0 | 273 | 2463.0 | 288 | 2464.9 | 318 | 2463.4 | 387 | 2463.4 | 448 | 218000 | | |
| GR2464.7 | 480 | 2464.7 | 661 | 2490.5 | 729 | 2513.4 | 753 | | | 219000 | | |
| NC | .10 | .13 | .060 | | | | | | | | 220000 | |
| ET | | | | | | | 8.11 | 720 | 870 | | 222000 | |
| X1 | 8.76 | 20 | 726 | 860 | 1240 | 1030 | 1160 | | | | 223000 | |

| | | | | | | | | | | | |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| GR2512.8 | 0 | 2504.9 | 147 | 2492.5 | 297 | 2490.2 | 310 | 2490.2 | 323 | 224000 | |
| GR2486.9 | 358 | 2480.1 | 453 | 2478.2 | 500 | 2479.5 | 595 | 2476.2 | 631 | 225000 | |
| GR2477.5 | 641 | 2477.5 | 662 | 2475.3 | 695 | 2475.6 | 726 | 2468.0 | 756 | 226000 | |
| GR2466.8 | 775 | 2466.8 | 825 | 2468.0 | 843 | 2472.0 | 860 | 2478.5 | 888 | 227000 | |
| GR2482.0 | 934 | 2482.0 | 948 | 2490.1 | 971 | 2505.4 | 1016 | | | 228000 | |
| NC | .10 | .055 | | | | | | | | 229000 | |
| OT | 0 | 1173 | 2546 | 4219 | 5092 | 7238 | 5092 | | | 230000 | |
| ET | | | | | | 8.11 | 190 | 295 | | 231000 | |
| X1 | 8.94 | 18 | 195 | 285 | 760 | 1000 | 880 | | | 232000 | |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 233000 | |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 234000 | |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 235000 | |
| GR2488.9 | 331 | 2489.0 | 450 | 2501.0 | 494 | | | | | 236000 | |
| ET | | | | | | 8.11 | 190 | 295 | | 236100 | |
| X1 | 8.94 | | | 40 | 40 | 40 | | | | 237000 | |
| ET | | | | | | 8.11 | 190 | 295 | | 238000 | |
| 90 | 1.25 | 1.6 | 3 | 0 | 51.6 | 0 | 729.3 | 1.7 | 2480.5 | 2480.5 | 239000 |
| X1 | 8.94 | 20 | 195 | 285 | 30 | 30 | 30 | | | 240000 | |
| Y2 | | | 1 | 2491.5 | 2492.0 | | | | | 241000 | |
| BT | 12 | 0 | 2505.0 | 0 | 0 | 2494.0 | 0 | 95 | 2492.5 | 0 | 242000 |
| BT | 141 | 2492.0 | 0 | 197 | 2493.7 | 0 | 197 | 2495.5 | 0 | 285 | 243000 |
| BT | 2495.5 | 0 | 285 | 2493.7 | 0 | 300 | 2493.6 | 0 | 400 | 2493.4 | 244000 |
| BT | 0 | 500 | 2493.6 | 0 | 526 | 2501.0 | 0 | | | | 245000 |
| GR2505.0 | 0 | 2494.4 | 0 | 2492.5 | 95 | 2492.0 | 141 | 2489.1 | 160 | 246000 | |
| GR2489.3 | 195 | 2481.5 | 222 | 2481.1 | 229 | 2480.5 | 233 | 2480.4 | 239 | 247000 | |
| GR2479.9 | 250 | 2479.8 | 257 | 2481.2 | 274 | 2483.9 | 285 | 2488.0 | 302 | 248000 | |
| GR2488.9 | 331 | 2492.0 | 370 | 2492.0 | 405 | 2493.6 | 500 | 2501.0 | 526 | 249000 | |
| ET | | | | | | 8.11 | 190 | 295 | | 250000 | |
| X1 | 8.94 | | | 10 | 10 | 10 | | | | 251000 | |
| NC | .10 | .07 | .055 | | | | | | | 252000 | |
| OT | 0 | 1165 | 2530 | 4195 | 5060 | 7190 | 5060 | | | 253000 | |
| ET | | | | | | | 8.11 | 120 | 220 | 254000 | |
| X1 | 0.10 | 10 | 130 | 210 | 800 | 800 | 840 | | | 255000 | |
| GR2538.5 | 0 | 2512.2 | 49 | 2512.2 | 86 | 2502.6 | 118 | 2497.5 | 130 | 256000 | |
| GR2495.4 | 130 | 2492.2 | 155 | 2492.2 | 180 | 2493.4 | 193 | 2497.5 | 210 | 257000 | |
| GR2501.8 | 227 | 2501.8 | 241 | 2501.8 | 250 | 2505.5 | 280 | 2505.5 | 341 | 258000 | |
| GR2508.8 | 472 | 2512.0 | 637 | 2520.5 | 785 | 2528.0 | 834 | | | 259000 | |
| NC | .12 | .12 | .065 | | | | | | | 260000 | |
| OT | 0 | 1154 | 2518 | 4177 | 5036 | 7154 | 5036 | | | 261000 | |
| ET | | | | | | | 8.11 | 240 | 330 | 262000 | |
| X1 | 0.22 | 12 | 254 | 323 | 640 | 640 | 640 | | | 263000 | |
| GR2515.7 | 150 | 2512.2 | 169 | 2504.7 | 189 | 2503.9 | 203 | 2502.5 | 250 | 264000 | |
| GR2500.1 | 272 | 2500.7 | 322 | 2501.0 | 323 | 2506.9 | 337 | 2511.0 | 425 | 265000 | |
| GR2512.5 | 537 | 2515.5 | 560 | | | | | | | 266000 | |
| NC | .12 | .12 | .065 | | | | | | | 267000 | |
| OT | 0 | 1154 | 2506 | 4162 | 5016 | 7124 | 5016 | | | 268000 | |
| ET | | | | | | | 8.11 | 210 | 305 | 269000 | |
| X1 | 0.32 | 14 | 221 | 295 | 540 | 540 | 550 | | | 270000 | |
| GR2522.4 | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 271000 | |
| GR2511.0 | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 272000 | |
| GR2505.7 | 266 | 2506.0 | 295 | 2509.1 | 306 | 2520.6 | 324 | 2524.0 | 400 | 273000 | |
| GR2520.1 | 495 | 2520.0 | 540 | 2527.0 | 629 | 2530.0 | 690 | | | 274000 | |
| ET | | | | | | | 8.11 | 210 | 305 | 276000 | |
| X1 | 0.35 | 14 | 221 | 295 | 50 | 50 | 50 | | | 277000 | |
| GR2522.4 | 40 | 2522.7 | 50 | 2515.1 | 139 | 2514.2 | 180 | 2510.5 | 191 | 278000 | |
| GR2511.0 | 200 | 2510.5 | 209 | 2506.0 | 221 | 2505.0 | 237 | 2507.4 | 251 | 279000 | |
| GR2505.7 | 266 | 2506.0 | 295 | 2509.1 | 306 | 2520.6 | 400 | 2520.1 | 495 | 280000 | |
| GR2524.0 | 539 | 2527.0 | 629 | 2530.0 | 690 | | | | | 281000 | |
| NC | .15 | .12 | .055 | | | | | | | 282000 | |
| OT | 0 | 1140 | 2497 | 4166 | 4994 | 7091 | 4994 | | | 283000 | |

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|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ET | | | | | | 8.11 | 265 | 365 | | 284000 |
| X1 9.43 | 20 | 272 | 355 | 530 | 530 | 530 | | | | 285000 |
| GR2529.4 | 30 | 2529.4 | 40 | 2526.3 | 55 | 2526.5 | 155 | 2522.2 | 174 | 286000 |
| GR2521.3 | 225 | 2527.9 | 231 | 2530.0 | 250 | 2514.3 | 272 | 2513.3 | 274 | 287000 |
| GR2513.7 | 300 | 2515.6 | 355 | 2528.9 | 371 | 2524.3 | 439 | 2527.6 | 446 | 288000 |
| GR2530.9 | 454 | 2534.6 | 545 | 2535.2 | 640 | 2533.2 | 734 | 2535.1 | 747 | 289000 |
| ET | | | | | | 8.11 | 480 | 620 | | 291000 |
| X1 9.67 | 25 | 548 | 605 | 1160 | 1160 | 1160 | | | | 292000 |
| GR2595.2 | 0 | 2562.8 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 293000 |
| GR2557.6 | 439 | 2557.6 | 446 | 2559.5 | 447 | 2559.6 | 487 | 2552.2 | 548 | 294000 |
| GR2548.0 | 549 | 2548.0 | 600 | 2552.5 | 605 | 2562.4 | 615 | 2564.4 | 626 | 295000 |
| GR2562.7 | 640 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 296000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 297000 |
| ET | | | | | | 8.11 | 480 | 620 | | 298000 |
| X1 9.67 | 25 | 510 | 610 | 30 | 30 | 30 | | | | 299000 |
| GR2595.2 | 0 | 2562.8 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 300000 |
| GR2557.6 | 439 | 2557.6 | 446 | 2559.5 | 447 | 2559.6 | 487 | 2552.2 | 548 | 301000 |
| GR2556.4 | 511 | 2556.4 | 600 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 302000 |
| GR2562.7 | 640 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 303000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 304000 |
| ET | | | | | | 8.11 | 480 | 620 | | 305000 |
| X1 9.67 | 25 | 525 | 610 | 30 | 30 | 30 | | | | 306000 |
| GR2595.2 | 0 | 2562.8 | 100 | 2563.4 | 138 | 2560.3 | 320 | 2559.7 | 423 | 307000 |
| GR2557.6 | 439 | 2557.6 | 446 | 2559.5 | 447 | 2559.6 | 487 | 2552.2 | 548 | 308000 |
| GR2554.6 | 530 | 2554.6 | 607 | 2557.0 | 610 | 2562.4 | 615 | 2564.4 | 626 | 309000 |
| GR2562.7 | 640 | 2560.5 | 677 | 2560.5 | 694 | 2557.6 | 713 | 2560.7 | 746 | 310000 |
| GR2560.7 | 1018 | 2562.3 | 1127 | 2560.3 | 1204 | 2564.7 | 1297 | 2585.0 | 1365 | 311000 |
| NC .15 | .12 | .065 | | | | | | | | 312000 |
| ET | | | | | | 8.11 | 290 | 390 | | 314000 |
| X1 9.82 | 18 | 500 | 359 | 740 | 740 | 740 | | | | 315000 |
| GR2578.4 | 38 | 2578.3 | 42 | 2572.0 | 66 | 2572.0 | 122 | 2574.0 | 127 | 316000 |
| GR2573.9 | 175 | 2575.9 | 202 | 2571.1 | 260 | 2573.0 | 287 | 2573.8 | 300 | 317000 |
| GR2570.0 | 309 | 2569.0 | 320 | 2564.6 | 359 | 2573.8 | 380 | 2577.6 | 423 | 318000 |
| GR2577.2 | 440 | 2574.0 | 455 | 2574.3 | 465 | | | | | 319000 |
| NC .15 | .15 | .065 | | | | | | | | 320000 |
| ET | | | | | | 8.11 | 255 | 350 | | 322000 |
| X1 9.98 | 14 | 665 | 440 | 630 | 630 | 630 | | | | 323000 |
| GR2596.9 | 50 | 2596.9 | 61 | 2591.5 | 81 | 2587.6 | 95 | 2587.0 | 120 | 324000 |
| GR2586.9 | 128 | 2586.5 | 208 | 2586.4 | 218 | 2588.3 | 225 | 2588.9 | 265 | 325000 |
| GR2584.0 | 300 | 2583.7 | 340 | 2591.1 | 360 | 2595.0 | 375 | | | 326000 |
| OT 0 | 1118 | 2585 | 1053 | 4870 | 6905 | 4870 | | | | 327000 |
| ET | | | | | | 8.11 | 130 | 225 | | 328000 |
| X1 10.05 | 17 | 145 | 209 | 530 | 530 | 530 | | | | 329000 |
| GR2616.4 | 60 | 2612.2 | 66 | 2612.2 | 99 | 2600.4 | 140 | 2597.2 | 145 | 330000 |
| GR2592.7 | 151 | 2591.2 | 161 | 2591.2 | 175 | 2599.1 | 209 | 2604.2 | 274 | 331000 |
| GR2606.8 | 376 | 2601.2 | 469 | 2612.4 | 505 | | | | | 332000 |
| ET | | | | | | 8.11 | 130 | 225 | | 332100 |
| X1 10.05 | | | | | | 40 | 40 | 40 | | 333000 |
| ET | | | | | | 8.11 | 130 | 225 | | 333100 |
| S1 1.25 | 1.0 | 3 | 0 | 55.9 | 8 | 755.4 | 1.25 | 2591.2 | 2591.2 | 334000 |
| X1 10.05 | | | | | | 30 | 30 | 30 | | 335000 |
| Y2 | | | | | | 2603.2 | 2605.7 | | | 336000 |
| H1 12 | 60 | 2616.4 | 0 | 80 | 2612.2 | 0 | 99 | 2612.2 | 0 | 337000 |
| J1 120 | 2606.0 | 0 | 135 | 2605.7 | 0 | 135 | 2607.2 | 0 | 219 | 338000 |
| R1 2607.9 | 0 | 219 | 2616.1 | 0 | 235 | 2606.4 | 0 | 290 | 2606.9 | 339000 |
| H1 0 | 407 | 2607.2 | 0 | 565 | 2612.4 | 0 | | | | 340000 |
| ET | | | | | | 8.11 | 130 | 225 | | 340100 |
| X1 10.05 | | | | | | 10 | 10 | 10 | | 341000 |
| J1 0 | 1100 | 2498 | 4000 | 4300 | 6800 | 4800 | | | | 342000 |
| ET | | | | | | 8.11 | 500 | 590 | | 343000 |

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|----------|-----|--------|-----|--------|------|--------|------------|------------|
| X1 10.36 | 24 | 509 | 579 | 1640 | 1640 | 1640 | | 344000 |
| GR2690.1 | 0 | 2657.3 | 52 | 2644.4 | 137 | 2642.4 | 170 2639.0 | 231 345000 |
| GR2642.0 | 101 | 2645.1 | 457 | 2645.0 | 470 | 2644.9 | 482 2634.0 | 509 346000 |
| GR2632.4 | 509 | 2632.4 | 544 | 2634.2 | 544 | 2635.4 | 547 2635.4 | 558 347000 |
| GR2634.2 | 560 | 2632.3 | 560 | 2632.3 | 579 | 2634.2 | 579 2642.3 | 606 348000 |
| GR2652.7 | 638 | 2653.8 | 782 | 2661.0 | 822 | 2695.1 | 888 | 349000 |

| | | | | | | | | |
|----|-----------------------|----|--|--|--------------|--------|--|--------|
| EJ | | | | | | | | 350000 |
| T1 | CHEROKEE INDIAN LANDS | | | | DSN=RAVENFK1 | | | 361000 |
| T2 | 100-YEAR FLOODWAY | | | | H011270 JHN | | | 362000 |
| T3 | RAVEN FORK | | | | | | | 363000 |
| J1 | 7 | | | | | 2302.1 | | 364000 |
| J2 | 15 | -1 | | | | | | 365000 |

| | | | | | | | | |
|----|--|--|--|--|--|--|--|--------|
| | | | | | | | | 371000 |
| | | | | | | | | 372000 |
| | | | | | | | | 373000 |
| FR | | | | | | | | 374000 |

HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980

ERRROR CORR - 01,02,03,04,05,06

MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|-------------------|-----|------|
| T1 | CHEROKEE INDIAN LANDS | DSN=RAVENFW1 | 000 | 1000 |
| T2 | 100-YEAR FLOOD | H011270 JHW | 000 | 2000 |
| T3 | RAVEN FORK | 100-YEAR FLOODWAY | 000 | 3000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|------|
| J1 | ICHECK | IND | MINV | TDIR | STRT | METRIC | HVINS | Q | WSFL | FO | |
| | 0. | 5. | 0. | 0. | .00000 | 0. | .00 | .0 | 2302.10 | .00 | 4000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|------|
| J2 | UPRDF | TPLUT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHWIN | ITRACF | |
| | 0. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 5000 |

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

| | | | | | | | | | | | |
|--|--------|-----|--------|-----|-----|-----|-----|-----|-----|-----|------|
| | 110.00 | .00 | 200.00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | 6000 |
|--|--------|-----|--------|-----|-----|-----|-----|-----|-----|-----|------|

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|----|-------|-------|--|--|--|--|--|--|--|--|------|
| J6 | INLEO | ICOPY | | | | | | | | | 6100 |
| | 1. | 0. | | | | | | | | | |

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|----|------|-------|-------|-------|--------|--------|--------|--------|--------|-----|------|
| NC | .120 | .100 | .055 | .1 | .5 | | | | | | 7000 |
| DI | 6. | 2570. | 5300. | 8070. | 10120. | 13970. | 10120. | 0. | 0. | 0. | 8000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 340.00 | 445.00 | .00 | 9000 |

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|---|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| 5 | X1 | 5.96 | 17. | 352. | 434. | 600. | 450. | 500. | .00 | .00 | 0. | 10000 |
| | GR | 2304.8 | 7. | 2313.1 | 69. | 2305.3 | 97. | 2308.2 | 140. | 2309.2 | 199. | 11000 |
| | GR | 2308.1 | 255. | 2305.2 | 312. | 2303.9 | 333. | 2295.1 | 352. | 2293.8 | 352. | 12000 |
| | GR | 2293.8 | 434. | 2295.1 | 434. | 2301.0 | 500. | 2304.6 | 528. | 2304.6 | 552. | 13000 |
| | GR | 2303.6 | 556. | 2333.2 | 601. | .0 | 0. | .0 | 0. | .0 | 0. | 14000 |
| | NC | .120 | .050 | .055 | .1 | .5 | | | | | | 15000 |
| | DI | 6. | 2564. | 5265. | 8049. | 10092. | 13935. | 10092. | 0. | 0. | 0. | 16000 |
| | FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 360.00 | 465.00 | .00 | 17000 |

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|---|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| 1 | X1 | 6.14 | 25. | 370. | 456. | 400. | 730. | 800. | .00 | .00 | 0. | 18000 |
| | GR | 2325.0 | 73. | 2315.6 | 109. | 2313.3 | 159. | 2313.6 | 206. | 2314.1 | 222. | 19000 |
| | GR | 2313.3 | 255. | 2312.9 | 291. | 2312.0 | 305. | 2308.7 | 342. | 2305.5 | 366. | 20000 |
| | GR | 2304.1 | 370. | 2301.7 | 377. | 2300.2 | 385. | 2299.8 | 409. | 2299.7 | 419. | 21000 |
| | GR | 2299.3 | 430. | 2299.8 | 401. | 2301.6 | 449. | 2304.0 | 456. | 2308.5 | 460. | 22000 |
| | GR | 2315.2 | 469. | 2316.3 | 476. | 2317.1 | 496. | 2316.2 | 502. | 2325.0 | 519. | 23000 |
| | NC | 4. | .150 | .445. | .060 | .525. | .030 | .549. | .050 | .735. | .000 | 24000 |
| | DI | 6. | 2558. | 5278. | 8036. | 10075. | 13914. | 10075. | 0. | 0. | 0. | 25000 |
| | FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 435.00 | 565.00 | .00 | 26000 |

Raven Fork

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|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| X1 | 6.25 | 33. | 445. | 525. | 620. | 620. | 620. | .00 | .00 | 0. | 27000 |
| GR | 2330.0 | 9. | 2320.5 | 46. | 2318.7 | 71. | 2317.6 | 140. | 2317.2 | 176. | 28000 |
| GR | 2317.3 | 186. | 2317.3 | 238. | 2317.8 | 261. | 2319.2 | 322. | 2319.5 | 445. | 29000 |
| GR | 2314.0 | 452. | 2311.2 | 463. | 2308.3 | 466. | 2307.3 | 466. | 2306.4 | 472. | 30000 |
| GR | 2306.7 | 488. | 2306.4 | 498. | 2307.3 | 509. | 2308.5 | 519. | 2309.0 | 525. | 31000 |
| GR | 2310.9 | 553. | 2311.6 | 573. | 2313.6 | 586. | 2317.0 | 593. | 2317.9 | 599. | 32000 |
| GR | 2318.1 | 621. | 2316.9 | 627. | 2317.0 | 633. | 2316.0 | 636. | 2317.8 | 645. | 33000 |
| GR | 2319.3 | 662. | 2320.7 | 675. | 2330.0 | 733. | .0 | .0 | .0 | .0 | 34000 |
| NC | .150 | .070 | .050 | .3 | .8 | | | | | | 35000 |
| QT | 6. | 2550. | 5267. | 8417. | 10051. | 13885. | 10051. | 0. | 0. | 0. | 36000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 345.00 | .00 | 37000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|-------|
| X1 | 6.41 | 29. | 250. | 335. | 740. | 740. | 740. | .00 | .00 | 0. | 38000 |
| GR | 2330.8 | 0. | 2326.8 | 106. | 2326.4 | 134. | 2325.6 | 165. | 2325.4 | 205. | 39000 |
| GR | 2324.0 | 210. | 2323.8 | 223. | 2318.9 | 230. | 2317.0 | 240. | 2316.0 | 250. | 40000 |
| GR | 2315.0 | 250. | 2313.2 | 255. | 2313.0 | 275. | 2312.5 | 296. | 2312.6 | 301. | 41000 |
| GR | 2312.4 | 312. | 2312.7 | 317. | 2314.0 | 325. | 2316.5 | 326. | 2318.2 | 335. | 42000 |
| GR | 2319.9 | 351. | 2322.9 | 364. | 2322.9 | 381. | 2321.9 | 389. | 2324.2 | 450. | 43000 |
| GR | 2325.3 | 475. | 2326.0 | 550. | 2328.0 | 582. | 2340.0 | 582. | .0 | .0 | 44000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 345.00 | .00 | 45000 |

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|----|------|------|------|-----|-------|-----|--------|--------|--------|--------|-------|
| X1 | 6.41 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 46000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 85.01 | .01 | 748.00 | .00 | 2314.0 | 2314.0 | 47000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 345.00 | .00 | 48000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| X1 | 6.41 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 49000 |
| Y2 | 0. | .00 | 1. | 2322.8 | 2324.4 | .00 | 0. | .00 | .0 | 0. | 50000 |
| BT | 19.0 | .0 | 2335.3 | .0 | 75.0 | 2330.3 | .0 | 135.0 | 2328.4 | .0 | 51000 |
| BT | 190.0 | 2325.4 | .0 | 194.0 | 2324.3 | .0 | 197.0 | 2324.9 | .0 | 217.0 | 52000 |
| BT | 2325.1 | .0 | 244.0 | 2325.6 | .0 | 245.0 | 2328.0 | .0 | 298.0 | 2328.4 | 53000 |
| BT | .0 | 335.0 | 2328.0 | .0 | 337.0 | 2325.7 | .0 | 379.0 | 2325.1 | .0 | 54000 |
| BT | 384.0 | 2324.4 | .0 | 439.0 | 2326.3 | .0 | 537.0 | 2330.9 | .0 | 582.0 | 55000 |
| BT | 2330.0 | .0 | 582.0 | 2340.0 | .0 | .0 | .0 | .0 | .0 | .0 | 56000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 345.00 | .00 | 57000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|-------|
| X1 | 6.41 | 23. | 250. | 335. | 10. | 10. | 10. | .00 | .00 | 0. | 58000 |
| GR | 2333.0 | 0. | 2331.6 | 45. | 2329.0 | 150. | 2326.1 | 200. | 2326.1 | 223. | 59000 |
| GR | 2316.5 | 250. | 2314.9 | 255. | 2313.6 | 262. | 2313.3 | 274. | 2314.0 | 283. | 60000 |
| GR | 2313.1 | 290. | 2313.0 | 300. | 2313.2 | 313. | 2313.8 | 320. | 2314.7 | 325. | 61000 |
| GR | 2316.5 | 326. | 2319.0 | 335. | 2326.4 | 361. | 2326.4 | 381. | 2328.4 | 461. | 62000 |
| GR | 2329.5 | 553. | 2330.5 | 582. | 2340.0 | 582. | .0 | .0 | .0 | .0 | 63000 |
| NC | .000 | .000 | .000 | .1 | .5 | | | | | | 63100 |
| NH | 5. | .150 | 236. | .180 | 264. | .050 | 341. | .150 | 378. | .070 | 64000 |
| NH | 572. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 65000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 230.00 | 350.00 | .00 | 66000 |

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|---|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| W | X1 | 6.50 | 28. | 264. | 341. | 480. | 480. | 480. | .00 | .00 | 0. | 67000 |
| | GR | 2340.0 | 3. | 2331.5 | 70. | 2329.6 | 120. | 2329.2 | 137. | 2329.1 | 150. | 68000 |
| | GR | 2328.4 | 176. | 2328.0 | 220. | 2326.6 | 225. | 2326.4 | 238. | 2321.7 | 245. | 69000 |
| | GR | 2320.0 | 252. | 2318.9 | 264. | 2317.1 | 266. | 2315.9 | 270. | 2315.3 | 307. | 70000 |
| | GR | 2315.2 | 327. | 2315.8 | 334. | 2316.5 | 339. | 2319.3 | 341. | 2321.2 | 352. | 71000 |
| | GR | 2322.7 | 367. | 2325.6 | 378. | 2325.6 | 396. | 2324.8 | 403. | 2327.1 | 470. | 72000 |
| | GR | 2327.9 | 484. | 2328.5 | 530. | 2340.0 | 572. | .0 | 0. | 0. | 0. | 73000 |
| | NH | 4. | .150 | 232. | .180 | 310. | .065 | 415. | .070 | 538. | .000 | 74000 |
| | OT | 6. | 2541. | 5255. | 8396. | 10024. | 13851. | 10024. | 0. | 0. | 0. | 75000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 300.00 | 425.00 | .00 | 76000 |

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|---|----|--------|------|--------|------|--------|------|--------|--------|--------|------|-------|
| X | X1 | 6.59 | 19. | 310. | 415. | 490. | 490. | 490. | .00 | .00 | 0. | 77000 |
| | GR | 2350.0 | 36. | 2335.9 | 88. | 2334.2 | 105. | 2335.2 | 150. | 2335.9 | 200. | 78000 |
| | GR | 2336.0 | 232. | 2334.5 | 252. | 2332.1 | 278. | 2329.2 | 297. | 2328.0 | 310. | 79000 |
| | GR | 2325.5 | 314. | 2324.2 | 323. | 2323.0 | 339. | 2323.5 | 395. | 2325.6 | 408. | 80000 |
| | GR | 2326.3 | 415. | 2328.4 | 434. | 2336.7 | 465. | 2350.0 | 538. | .0 | 0. | 81000 |
| | NH | 4. | .150 | 250. | .180 | 328. | .065 | 430. | .070 | 453. | .000 | 82000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 320.00 | 440.00 | .00 | 83000 |

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|---|----|--------|-------|--------|-------|--------|--------|--------|--------|--------|------|-------|
| Y | X1 | 6.66 | 20. | 328. | 430. | 570. | 370. | 370. | .00 | .00 | 0. | 84000 |
| | GR | 2355.0 | 37. | 2337.0 | 106. | 2335.2 | 121. | 2336.6 | 189. | 2337.0 | 220. | 85000 |
| | GR | 2337.1 | 250. | 2335.4 | 267. | 2332.8 | 300. | 2330.0 | 317. | 2329.1 | 328. | 86000 |
| | GR | 2326.7 | 332. | 2326.2 | 334. | 2325.3 | 341. | 2325.0 | 345. | 2325.0 | 417. | 87000 |
| | GR | 2326.8 | 428. | 2327.0 | 430. | 2329.4 | 453. | 2337.7 | 483. | 2355.0 | 578. | 88000 |
| | NH | 4. | .200 | 178. | .060 | 294. | .060 | 325. | .080 | 476. | .000 | 89000 |
| | OT | 6. | 2533. | 5243. | 8376. | 9998. | 13819. | 9998. | 0. | 0. | 0. | 90000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 170.00 | 305.00 | .00 | 91000 |

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|---|----|--------|------|--------|------|--------|------|--------|--------|--------|------|-------|
| Z | X1 | 6.74 | 20. | 178. | 294. | 600. | 600. | 600. | .00 | .00 | 0. | 92000 |
| | GR | 2365.0 | 80. | 2349.7 | 120. | 2349.0 | 139. | 2343.3 | 161. | 2339.6 | 178. | 93000 |
| | GR | 2337.4 | 181. | 2335.9 | 192. | 2335.9 | 201. | 2335.1 | 220. | 2334.2 | 260. | 94000 |
| | GR | 2333.3 | 271. | 2336.0 | 281. | 2337.7 | 289. | 2340.3 | 294. | 2345.0 | 309. | 95000 |
| | GR | 2349.3 | 319. | 2349.8 | 325. | 2349.8 | 421. | 2355.0 | 459. | 2365.0 | 476. | 96000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 170.00 | 305.00 | .00 | 96010 |

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|--|----|------|-------|-------|-------|-------|--------|-------|-------|--------|------|--------|
| | X1 | 6.84 | 0. | 0. | 0. | 400. | 400. | 400. | .00 | 0.00 | 0. | 96100 |
| | NH | 6. | .150 | 43. | .060 | 140. | .100 | 176. | .050 | 250. | .100 | 97000 |
| | NH | 384. | .060 | 600. | .000 | 0. | .000 | 0. | .000 | 0. | .000 | 98000 |
| | OT | 6. | 2524. | 5233. | 8357. | 9973. | 13789. | 9973. | 0. | 0. | 0. | 99000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 35.00 | 505.00 | .00 | 100000 |

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|----|----|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| AA | X1 | 6.92 | 22. | 43. | 140. | 480. | 320. | 480. | .00 | .00 | 0. | 101000 |
| | GR | 2386.2 | 0. | 2352.5 | 43. | 2346.5 | 50. | 2345.2 | 50. | 2345.2 | 118. | 102000 |
| | GR | 2346.5 | 118. | 2352.4 | 140. | 2353.2 | 159. | 2351.6 | 176. | 2345.2 | 184. | 103000 |
| | GR | 2345.2 | 220. | 2354.0 | 250. | 2350.0 | 260. | 2354.0 | 265. | 2354.0 | 266. | 104000 |
| | GR | 2354.0 | 384. | 2353.9 | 401. | 2353.9 | 494. | 2356.1 | 511. | 2356.1 | 530. | 106000 |
| | GR | 2353.3 | 540. | 2382.7 | 600. | .0 | 0. | .0 | 0. | 0. | 0. | 107000 |

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| NC | .150 | .070 | .060 | .0 | .0 | | | | | | 108000 |
| QT | 6. | 2516. | 5221. | 8337. | 9947. | 13758. | 9947. | 0. | 0. | 0. | 109000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 115.00 | 195.00 | .00 | 110000 |
| XI | 7.09 | 19. | 125. | 189. | 840. | 640. | 840. | .00 | .00 | 0. | 111000 |
| GR | 2375.0 | 5. | 2363.4 | 43. | 2362.7 | 80. | 2361.4 | 91. | 2360.7 | 105. | 112000 |
| GR | 2355.5 | 125. | 2352.7 | 179. | 2352.7 | 141. | 2352.7 | 145. | 2352.7 | 165. | 113000 |
| GR | 2352.7 | 180. | 2360.0 | 189. | 2366.0 | 199. | 2366.0 | 211. | 2365.2 | 229. | 114000 |
| GR | 2363.6 | 235. | 2365.1 | 243. | 2367.5 | 248. | 2375.0 | 249. | .0 | 0. | 115000 |
| NC | .150 | .090 | .070 | .0 | .0 | | | | | | 116000 |
| QT | 6. | 2507. | 5208. | 8314. | 9918. | 13722. | 9918. | 0. | 0. | 0. | 117000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 75.00 | 195.00 | .00 | 118000 |
| XI | 7.28 | 12. | 85. | 183. | 1040. | 1040. | 1040. | .00 | .00 | 0. | 119000 |
| GR | 2409.7 | 0. | 2376.0 | 70. | 2369.7 | 85. | 2366.4 | 91. | 2365.0 | 110. | 120000 |
| GR | 2365.0 | 177. | 2366.4 | 163. | 2370.9 | 183. | 2374.1 | 243. | 2378.2 | 277. | 121000 |
| GR | 2378.1 | 329. | 2400.0 | 365. | .0 | 0. | .0 | 0. | .0 | 0. | 122000 |
| NC | .100 | .100 | .055 | .0 | .0 | | | | | | 123000 |
| QT | 6. | 2500. | 5200. | 8300. | 9900. | 13700. | 9900. | 0. | 0. | 0. | 124000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 125000 |
| XI | 7.41 | 31. | 136. | 249. | 640. | 520. | 640. | .00 | .00 | 0. | 126000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.0 | 44. | 2384.0 | 114. | 127000 |
| GR | 2384.7 | 114. | 2385.1 | 119. | 2384.1 | 125. | 2377.4 | 136. | 2374.5 | 159. | 128000 |
| GR | 2377.7 | 167. | 2373.0 | 171. | 2372.8 | 175. | 2372.8 | 181. | 2371.7 | 186. | 129000 |
| GR | 2371.6 | 197. | 2371.8 | 209. | 2372.9 | 216. | 2373.3 | 218. | 2373.4 | 223. | 130000 |
| GR | 2375.2 | 237. | 2377.6 | 244. | 2378.5 | 254. | 2383.1 | 269. | 2381.2 | 281. | 131000 |
| GR | 2380.4 | 280. | 2379.8 | 300. | 2376.9 | 312. | 2381.8 | 408. | 2395.0 | 420. | 132000 |
| GR | 2400.0 | 425. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 133000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 133100 |
| XI | 7.41 | 28. | 112. | 250. | 40. | 40. | 40. | .00 | .00 | 0. | 134000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.9 | 43. | 2384.4 | 46. | 135000 |
| GR | 2385.4 | 112. | 2378.5 | 112. | 2376.4 | 139. | 2374.9 | 151. | 2374.5 | 169. | 136000 |
| GR | 2373.2 | 174. | 2372.3 | 180. | 2372.7 | 188. | 2372.3 | 200. | 2373.3 | 211. | 137000 |
| GR | 2373.4 | 210. | 2374.1 | 225. | 2374.5 | 225. | 2378.1 | 242. | 2378.2 | 250. | 138000 |
| GR | 2385.3 | 250. | 2385.3 | 252. | 2384.0 | 272. | 2381.3 | 351. | 2381.3 | 368. | 139000 |
| GR | 2380.7 | 388. | 2380.7 | 390. | 2400.0 | 420. | .0 | 0. | .0 | 0. | 140000 |
| ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 140100 |
| XI | 7.41 | 35. | 112. | 250. | 1. | 1. | 1. | .00 | .00 | 0. | 141000 |
| RT | 10.0 | 46.0 | 2384.8 | .0 | 110.0 | 2385.4 | .0 | 110.0 | 2387.5 | .0 | 142000 |
| RT | 112.0 | 2387.5 | .0 | 112.0 | 2387.5 | 2382.4 | 250.0 | 2387.5 | 2382.4 | 250.0 | 143000 |
| RT | 2387.5 | .0 | 252.0 | 2387.5 | .0 | 252.0 | 2385.3 | .0 | 272.0 | 2384.9 | 144000 |
| RT | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 145000 |
| GR | 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.9 | 43. | 2384.8 | 46. | 146000 |
| GR | 2385.4 | 110. | 2385.4 | 112. | 2378.5 | 112. | 2376.4 | 139. | 2374.9 | 151. | 147000 |
| GR | 2382.4 | 151. | 2382.4 | 153. | 2374.8 | 153. | 2374.5 | 169. | 2373.2 | 174. | 148000 |
| GR | 2372.3 | 180. | 2372.7 | 188. | 2372.3 | 200. | 2372.3 | 211. | 2382.4 | 211. | 149000 |

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| GR 2302.4 | 213. | 2373.8 | 213. | 2373.4 | 216. | 2374.1 | 223. | 2374.5 | 223. | 150000 |
| GR 2378.1 | 242. | 2378.2 | 250. | 2385.3 | 250. | 2385.3 | 252. | 2384.9 | 272. | 151000 |
| GR 2381.3 | 351. | 2381.3 | 368. | 2380.7 | 388. | 2380.7 | 396. | 2400.0 | 426. | 152000 |
| FT 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 152100 |

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|---------|------|------|-----|-----|-----|------|--------|--------|-----|--------|
| X1 7.41 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 153000 |
| X2 0. | .00 | 0. | .0 | .0 | .00 | 1. | .00 | .0 | 0. | 154000 |
| NC .100 | .100 | .045 | .0 | .0 | | | | | | 155000 |
| FT 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 155100 |

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|-----------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 7.41 | 28. | 112. | 250. | 1. | 1. | 1. | .00 | .00 | 0. | 156000 |
| GR 2400.0 | 18. | 2391.0 | 36. | 2386.4 | 41. | 2384.9 | 43. | 2384.8 | 46. | 157000 |
| GR 2385.4 | 112. | 2378.5 | 112. | 2376.4 | 139. | 2374.0 | 151. | 2374.5 | 169. | 158000 |
| GR 2373.2 | 174. | 2372.3 | 180. | 2372.7 | 188. | 2372.3 | 200. | 2373.3 | 211. | 159000 |
| GR 2373.4 | 216. | 2374.1 | 223. | 2374.5 | 223. | 2378.1 | 242. | 2378.2 | 250. | 160000 |
| GR 2385.3 | 250. | 2365.3 | 252. | 2384.9 | 272. | 2381.3 | 351. | 2381.3 | 368. | 161000 |
| GR 2380.7 | 388. | 2380.7 | 396. | 2400.0 | 426. | .0 | 0. | .0 | 0. | 162000 |
| FT 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 100.00 | 270.00 | .00 | 162100 |

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|-----------|-------|--------|-------|--------|--------|--------|-------|--------|------|--------|
| X1 7.41 | 31. | 136. | 249. | 10. | 10. | 10. | .00 | .00 | 0. | 163000 |
| GR 2400.0 | 16. | 2391.0 | 36. | 2386.4 | 41. | 2384.0 | 44. | 2384.0 | 114. | 164000 |
| GR 2380.7 | 114. | 2385.1 | 119. | 2384.1 | 125. | 2377.4 | 136. | 2374.5 | 159. | 165000 |
| GR 2373.7 | 167. | 2373.0 | 171. | 2372.8 | 175. | 2372.8 | 181. | 2371.7 | 186. | 166000 |
| GR 2371.6 | 197. | 2371.8 | 209. | 2372.9 | 216. | 2373.3 | 218. | 2373.4 | 223. | 167000 |
| GR 2375.2 | 237. | 2377.6 | 249. | 2378.5 | 254. | 2383.1 | 269. | 2381.4 | 280. | 168000 |
| GR 2381.3 | 350. | 2381.3 | 368. | 2380.7 | 389. | 2380.7 | 397. | 2395.0 | 420. | 169000 |
| GR 2400.0 | 426. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 170000 |
| NC .150 | .130 | .060 | .0 | .0 | | | | | | 171000 |
| OT 6. | 2062. | 4200. | 6882. | 8282. | 11482. | 8282. | 0. | 0. | 0. | 172000 |
| FT 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 45.00 | 215.00 | .00 | 173000 |

480

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|------------|-------|--------|-------|--------|--------|--------|-------|--------|------|--------|
| AE X1 7.50 | 16. | 53. | 206. | 890. | 890. | 890. | .00 | .00 | 0. | 174000 |
| GR 2420.0 | 0. | 2392.0 | 53. | 2386.1 | 74. | 2383.0 | 88. | 2382.0 | 105. | 175000 |
| GR 2382.0 | 155. | 2382.0 | 174. | 2391.1 | 206. | 2391.1 | 216. | 2380.3 | 231. | 176000 |
| GR 2359.0 | 310. | 2392.6 | 326. | 2392.6 | 350. | 2392.5 | 351. | 2393.1 | 486. | 177000 |
| GR 2420.1 | 546. | .0 | 0. | .0 | 0. | .0 | 0. | .0 | 0. | 178000 |
| NC .150 | .120 | .060 | .0 | .0 | | | | | | 179000 |
| OT 6. | 2060. | 4200. | 6840. | 8240. | 11440. | 8240. | 0. | 0. | 0. | 180000 |
| FT 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 25.00 | 135.00 | .00 | 181000 |

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|------------|------|--------|------|--------|-------|--------|-------|--------|------|--------|
| AF X1 7.90 | 14. | 32. | 125. | 2200. | 2320. | 2200. | .00 | .00 | 0. | 182000 |
| GR 2440.0 | 0. | 2418.0 | 32. | 2406.7 | 45. | 2403.8 | 53. | 2403.8 | 89. | 183000 |
| GR 2406.0 | 95. | 2406.8 | 95. | 2417.4 | 125. | 2422.0 | 228. | 2422.0 | 250. | 184000 |
| GR 2419.1 | 267. | 2432.1 | 307. | 2445.2 | 367. | 2459.7 | 418. | .0 | 0. | 185000 |
| NC .150 | .120 | .075 | .0 | .0 | | | | | | 186000 |
| FT 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 135.00 | .00 | 187000 |

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|----|--------|------|--------|------|--------|-------|--------|-------|--------|------|--------|
| X1 | 8.20 | 19. | 71. | 116. | 1090. | 1090. | 1090. | .00 | -8.40 | 0. | 188000 |
| GR | 2465.5 | 0. | 2449.0 | 41. | 2442.3 | 70. | 2441.5 | 71. | 2440.8 | 76. | 189000 |
| GR | 2437.5 | 86. | 2434.4 | 96. | 2435.0 | 106. | 2441.3 | 116. | 2441.5 | 125. | 190000 |
| GR | 2442.3 | 126. | 2444.5 | 137. | 2454.0 | 146. | 2455.1 | 167. | 2457.7 | 175. | 191000 |
| GR | 2457.7 | 194. | 2456.9 | 198. | 2460.0 | 200. | 2465.0 | 202. | .0 | 0. | 192000 |
| NC | .150 | .120 | .065 | .0 | .0 | | | | | | 192100 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 135.00 | .00 | 192110 |

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|----|----|--------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|
| XG | X1 | 8.35 | 19. | 71. | 116. | 770. | 770. | 770. | .00 | .00 | 0. | 193000 |
| | GR | 2465.5 | 0. | 2449.0 | 41. | 2442.3 | 70. | 2441.5 | 71. | 2440.8 | 76. | 193100 |
| | GR | 2440.0 | 78. | 2440.0 | 96. | 2440.0 | 114. | 2441.3 | 116. | 2441.5 | 125. | 193200 |
| | GR | 2442.3 | 126. | 2444.5 | 137. | 2454.0 | 146. | 2455.1 | 167. | 2457.7 | 175. | 193300 |
| | GR | 2457.7 | 194. | 2456.9 | 198. | 2460.0 | 200. | 2465.0 | 202. | .0 | 0. | 193400 |
| | QT | 6. | 1200. | 2600. | 4300. | 5200. | 7400. | 5200. | 0. | 0. | 0. | 194000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 160.00 | .00 | 195000 |

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|----|----|--------|------|--------|------|--------|------|--------|-------|--------|------|--------|
| AH | X1 | 8.39 | 12. | 75. | 130. | 240. | 110. | 160. | .00 | .00 | 0. | 196000 |
| | GR | 2469.5 | 0. | 2461.0 | 22. | 2460.2 | 55. | 2451.0 | 75. | 2446.0 | 86. | 197000 |
| | GR | 2444.4 | 90. | 2444.4 | 95. | 2444.5 | 103. | 2445.6 | 113. | 2450.3 | 130. | 198000 |
| | GR | 2457.3 | 157. | 2475.0 | 181. | .0 | 0. | .0 | 0. | .0 | 0. | 199000 |
| | FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 160.00 | .00 | 200000 |

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|----|------|------|------|-----|-------|------|--------|-------|--------|--------|--------|
| X1 | 8.39 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 201000 |
| SU | 1.25 | 1.60 | 5.00 | 0. | 45.80 | 3.00 | 574.00 | 1.46 | 2445.5 | 2445.5 | 202000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 160.00 | .00 | 203000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 8.39 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 204000 |
| Y2 | 0. | .00 | 1. | 2455.5 | 2459.0 | .00 | .00 | .00 | .0 | 0. | 205000 |
| BI | 11.0 | .0 | 2472.0 | .0 | 5.0 | 2467.5 | .0 | 22.0 | 2461.0 | .0 | 206000 |
| BT | 55.0 | 2460.2 | .0 | 57.0 | 2459.0 | .0 | 75.0 | 2459.0 | .0 | 75.0 | 207000 |
| BT | 2461.0 | .0 | 40.0 | 2461.3 | .0 | 160.0 | 2461.3 | .0 | 162.0 | 2461.1 | 208000 |
| BT | .0 | 161.0 | 2475.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 209000 |
| NC | .150 | .120 | .055 | .0 | .0 | | | | | | 210000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 65.00 | 160.00 | .00 | 211000 |

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|----|------|------|-------|------|-------|------|-------|--------|--------|------|--------|
| X1 | 8.39 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 212000 |
| GH | 4. | .120 | .220. | .060 | .288. | .080 | .420. | .200 | .753. | .000 | 213000 |
| FJ | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 210.00 | 300.00 | .00 | 214000 |

760

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|----|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| AI | X1 | 8.53 | 19. | 220. | 288. | 680. | 800. | 680. | .00 | .00 | 0. | 215000 |
| | GR | 2513.5 | 0. | 2477.3 | 60. | 2469.2 | 80. | 2470.6 | 94. | 2470.6 | 115. | 216000 |
| | GR | 2462.7 | 156. | 2457.6 | 220. | 2455.0 | 229. | 2452.5 | 230. | 2452.5 | 273. | 217000 |
| | GR | 2455.0 | 273. | 2463.0 | 288. | 2460.0 | 318. | 2463.4 | 387. | 2463.4 | 448. | 218000 |
| | GR | 2464.7 | 480. | 2464.7 | 661. | 2490.3 | 729. | 2513.8 | 753. | .0 | 0. | 219000 |
| | NC | .100 | .130 | .060 | .0 | .0 | | | | | | 220000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 720.00 | 870.00 | .00 | 222000 |

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AJ

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|--------|
| X1 | 8.76 | 24. | 726. | 860. | 1240. | 1080. | 1160. | .00 | .00 | 0. | 223000 |
| GR | 2512.8 | 0. | 2504.9 | 147. | 2492.5 | 297. | 2490.2 | 310. | 2490.2 | 323. | 224000 |
| GR | 2486.9 | 358. | 2480.1 | 453. | 2478.2 | 500. | 2479.5 | 595. | 2476.2 | 631. | 225000 |
| GR | 2477.5 | 641. | 2477.5 | 662. | 2475.3 | 695. | 2475.6 | 726. | 2468.0 | 756. | 226000 |
| GR | 2466.8 | 775. | 2466.8 | 825. | 2468.0 | 843. | 2472.0 | 860. | 2478.5 | 888. | 227000 |
| GR | 2482.0 | 934. | 2482.0 | 948. | 2490.1 | 971. | 2505.4 | 1016. | .0 | 0. | 228000 |
| NC | .100 | .100 | .055 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 229000 |
| OT | 6. | 1173. | 2546. | 4219. | 5092. | 7238. | 5092. | 0. | 0. | 0. | 230000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 190.00 | 295.00 | .00 | 231000 |

AK

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|----|--------|------|--------|------|--------|-------|--------|--------|--------|------|--------|
| X1 | 8.94 | 18. | 195. | 285. | 760. | 1000. | 880. | .00 | .00 | 0. | 232000 |
| GR | 2505.0 | 0. | 2494.4 | 0. | 2492.5 | 95. | 2492.0 | 141. | 2489.1 | 160. | 233000 |
| GR | 2489.3 | 195. | 2481.5 | 222. | 2481.1 | 229. | 2480.5 | 233. | 2480.4 | 239. | 234000 |
| GR | 2479.9 | 250. | 2479.8 | 257. | 2481.2 | 274. | 2483.9 | 285. | 2488.0 | 302. | 235000 |
| GR | 2489.0 | 331. | 2489.6 | 450. | 2501.0 | 494. | .0 | 0. | .0 | 0. | 236000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 190.00 | 295.00 | .00 | 236100 |

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|----|------|------|------|-----|-------|------|--------|--------|--------|--------|--------|
| X1 | 8.94 | 0. | 0. | 0. | 40. | 40. | (40.) | .00 | .00 | 0. | 237000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 190.00 | 295.00 | .00 | 238000 |
| SB | 1.25 | 1.60 | 3.00 | 0. | 51.60 | 4.00 | 729.30 | 1.70 | 2480.5 | 2480.5 | 239000 |

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|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 8.94 | 20. | 195. | 285. | 30. | 30. | 30. | .00 | .00 | 0. | 240000 |
| X2 | 0. | .00 | 1. | 2491.5 | 2492.0 | .00 | 0. | .00 | .0 | 0. | 241000 |
| R1 | 12.0 | .0 | 2505.0 | .0 | .0 | 2494.4 | .0 | 95.0 | 2492.5 | .0 | 242000 |
| R1 | 141.0 | 2492.0 | .0 | 197.0 | 2493.7 | .0 | 197.0 | 2495.5 | .0 | 285.0 | 243000 |
| R1 | 2495.5 | .0 | 285.0 | 2493.7 | .0 | 300.0 | 2493.6 | .0 | 400.0 | 2493.4 | 244000 |
| R1 | .0 | 500.0 | 2493.6 | .0 | 526.0 | 2501.0 | .0 | .0 | .0 | .0 | 245000 |
| GR | 2505.0 | 0. | 2494.4 | 0. | 2492.5 | 95. | 2492.0 | 141. | 2489.1 | 160. | 246000 |
| GR | 2489.3 | 195. | 2481.5 | 222. | 2481.1 | 229. | 2480.5 | 233. | 2480.4 | 239. | 247000 |
| GR | 2479.9 | 250. | 2479.8 | 257. | 2481.2 | 274. | 2483.9 | 285. | 2488.0 | 302. | 248000 |
| GR | 2489.0 | 331. | 2489.6 | 370. | 2492.0 | 405. | 2493.6 | 500. | 2501.0 | 526. | 249000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 190.00 | 295.00 | .00 | 250000 |

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|----|------|-------|-------|-------|-------|-------|-------|--------|--------|-----|--------|
| X1 | 8.94 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 251000 |
| NC | .100 | .070 | .055 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 252000 |
| OT | 6. | 1165. | 2530. | 4195. | 5060. | 7190. | 5060. | 0. | 0. | 0. | 253000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 120.00 | 220.00 | .00 | 254000 |

AL

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|--------|
| X1 | 9.10 | 19. | 130. | 210. | 840. | 800. | 840. | .00 | .00 | 0. | 255000 |
| GR | 2538.5 | 0. | 2512.2 | 49. | 2512.2 | 86. | 2502.6 | 118. | 2497.5 | 130. | 256000 |
| GR | 2493.4 | 139. | 2492.2 | 155. | 2492.2 | 180. | 2493.4 | 193. | 2497.5 | 210. | 257000 |
| GR | 2501.0 | 227. | 2501.8 | 241. | 2501.8 | 260. | 2505.5 | 284. | 2505.5 | 441. | 258000 |
| GR | 2508.8 | 472. | 2512.6 | 637. | 2520.3 | 785. | 2528.0 | 884. | .0 | 0. | 259000 |
| NC | .120 | .120 | .065 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 260000 |
| OT | 6. | 1150. | 2518. | 4177. | 5036. | 7154. | 5036. | 0. | 0. | 0. | 261000 |
| FI | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 240.00 | 330.00 | .00 | 262000 |

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|----|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|--------|
| PA | X1 | 9.22 | 12. | 250. | 323. | 640. | 640. | 640. | .00 | .00 | 0. | 263000 |
| | GR | 2516.7 | 150. | 2512.9 | 169. | 2509.7 | 189. | 2503.9 | 203. | 2502.3 | 250. | 264000 |
| | GR | 2500.1 | 272. | 2500.7 | 322. | 2501.0 | 323. | 2508.9 | 337. | 2511.0 | 425. | 265000 |
| | GR | 2512.3 | 537. | 2515.5 | 560. | .0 | .0 | .0 | .0 | .0 | 0. | 266000 |
| | NC | .120 | .120 | .065 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 267000 |
| | QT | 6. | 1154. | 2508. | 4162. | 5016. | 7124. | 5016. | .0 | .0 | 0. | 268000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 210.00 | 305.00 | .00 | 269000 |

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|----|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| AN | X1 | 9.32 | 19. | 221. | 295. | 560. | 640. | 550. | .00 | .00 | 0. | 270000 |
| | GR | 2522.9 | 40. | 2522.7 | 50. | 2515.1 | 139. | 2514.2 | 180. | 2510.5 | 191. | 271000 |
| | GR | 2511.0 | 200. | 2510.5 | 209. | 2506.0 | 221. | 2505.0 | 237. | 2507.4 | 251. | 272000 |
| | GR | 2505.7 | 266. | 2506.0 | 295. | 2509.1 | 306. | 2520.6 | 324. | 2524.0 | 400. | 273000 |
| | GR | 2520.1 | 495. | 2524.0 | 550. | 2527.0 | 629. | 2530.0 | 690. | .0 | 0. | 274000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 210.00 | 305.00 | .00 | 276000 |

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|--|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|--------|
| | X1 | 9.33 | 18. | 221. | 295. | 50. | 50. | 50. | .00 | .00 | 0. | 277000 |
| | GR | 2522.9 | 40. | 2522.7 | 50. | 2515.1 | 139. | 2514.2 | 180. | 2510.5 | 191. | 278000 |
| | GR | 2511.0 | 200. | 2510.5 | 209. | 2506.0 | 221. | 2505.0 | 237. | 2507.4 | 251. | 279000 |
| | GR | 2505.7 | 266. | 2506.0 | 295. | 2509.1 | 306. | 2524.0 | 400. | 2520.1 | 495. | 280000 |
| | GR | 2524.0 | 550. | 2527.0 | 629. | 2530.0 | 690. | .0 | .0 | .0 | 0. | 281000 |
| | NC | .150 | .120 | .065 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 282000 |
| | QT | 6. | 1140. | 2497. | 4146. | 4994. | 7091. | 4994. | .0 | .0 | 0. | 283000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 265.00 | 365.00 | .00 | 284000 |

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|----|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| AO | X1 | 9.43 | 20. | 272. | 355. | 530. | 530. | 530. | .00 | .00 | 0. | 285000 |
| | GR | 2529.4 | 30. | 2529.4 | 40. | 2526.3 | 55. | 2526.5 | 155. | 2522.2 | 174. | 286000 |
| | GR | 2521.3 | 225. | 2527.9 | 231. | 2530.0 | 250. | 2514.3 | 272. | 2513.3 | 274. | 287000 |
| | GR | 2513.7 | 300. | 2515.6 | 355. | 2528.9 | 371. | 2528.3 | 439. | 2527.6 | 446. | 288000 |
| | GR | 2530.9 | 454. | 2534.6 | 545. | 2535.2 | 640. | 2533.2 | 734. | 2535.1 | 747. | 289000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 480.00 | 620.00 | .00 | 291000 |

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|----|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|--------|
| AP | X1 | 9.67 | 25. | 548. | 605. | 1160. | 1160. | 1160. | .00 | .00 | 0. | 292000 |
| | GR | 2595.2 | 0. | 2568.4 | 100. | 2563.4 | 138. | 2560.3 | 320. | 2559.7 | 423. | 293000 |
| | GR | 2557.8 | 439. | 2557.8 | 446. | 2559.6 | 447. | 2559.6 | 487. | 2552.2 | 548. | 294000 |
| | GR | 2548.0 | 549. | 2548.0 | 600. | 2552.5 | 605. | 2562.4 | 615. | 2564.4 | 626. | 295000 |
| | GR | 2562.7 | 644. | 2560.5 | 677. | 2560.5 | 694. | 2557.6 | 713. | 2560.7 | 746. | 296000 |
| | GR | 2560.7 | 1018. | 2562.3 | 1127. | 2560.3 | 1204. | 2564.7 | 1297. | 2585.0 | 1365. | 297000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 480.00 | 620.00 | .00 | 298000 |

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|--|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|--------|
| | X1 | 9.67 | 25. | 510. | 610. | 30. | 30. | 30. | .00 | .00 | 0. | 299000 |
| | GR | 2595.2 | 0. | 2568.4 | 100. | 2563.4 | 138. | 2560.3 | 320. | 2559.7 | 423. | 300000 |
| | GR | 2557.8 | 439. | 2557.8 | 446. | 2559.6 | 447. | 2559.6 | 487. | 2556.7 | 510. | 301000 |
| | GR | 2556.4 | 511. | 2556.4 | 609. | 2557.0 | 610. | 2562.4 | 615. | 2564.4 | 626. | 302000 |
| | GR | 2562.7 | 644. | 2560.5 | 677. | 2560.5 | 694. | 2557.6 | 713. | 2560.7 | 746. | 303000 |
| | GR | 2560.7 | 1018. | 2562.3 | 1127. | 2560.3 | 1204. | 2564.7 | 1297. | 2585.0 | 1365. | 304000 |
| | ET | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 480.00 | 620.00 | .00 | 305000 |

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|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|-------|--------|
| X1 | 9.67 | 25. | 525. | 610. | 30. | 30. | 30. | .00 | .00 | 0. | 306000 |
| GR | 2595.2 | 0. | 2568.4 | 100. | 2563.4 | 138. | 2560.3 | 320. | 2559.7 | 423. | 307000 |
| GR | 2557.8 | 439. | 2557.8 | 446. | 2559.6 | 447. | 2559.6 | 487. | 2554.7 | 525. | 308000 |
| GR | 2554.0 | 530. | 2554.0 | 607. | 2557.0 | 610. | 2562.4 | 619. | 2564.4 | 626. | 309000 |
| GR | 2562.7 | 614. | 2560.5 | 677. | 2560.5 | 694. | 2557.6 | 713. | 2560.7 | 746. | 310000 |
| GR | 2560.7 | 1014. | 2562.3 | 1127. | 2560.3 | 1204. | 2564.7 | 1297. | 2585.0 | 1365. | 311000 |
| NC | .150 | .120 | .065 | .0 | .0 | | | | | | 312000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 290.00 | 390.00 | .00 | 314000 |

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|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 9.82 | 18. | 300. | 380. | 740. | 740. | 740. | .00 | .00 | 0. | 315000 |
| GR | 2578.4 | 38. | 2578.3 | 49. | 2572.0 | 66. | 2572.0 | 122. | 2574.0 | 127. | 316000 |
| GR | 2573.9 | 175. | 2576.9 | 202. | 2577.1 | 264. | 2573.0 | 287. | 2573.8 | 300. | 317000 |
| GR | 2570.0 | 309. | 2569.6 | 320. | 2569.6 | 359. | 2573.8 | 380. | 2577.6 | 423. | 318000 |
| GR | 2577.2 | 440. | 2579.0 | 453. | 2579.3 | 465. | .0 | 0. | .0 | 0. | 319000 |
| NC | .150 | .150 | .065 | .0 | .0 | | | | | | 320000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 255.00 | 350.00 | .00 | 322000 |

| | | | | | | | | | | | |
|----|--------|-------|--------|-------|--------|-------|--------|--------|--------|------|--------|
| X1 | 9.94 | 14. | 265. | 340. | 630. | 630. | 630. | .00 | .00 | 0. | 323000 |
| GR | 2595.0 | 50. | 2595.4 | 61. | 2591.5 | 81. | 2587.0 | 95. | 2587.0 | 120. | 324000 |
| GR | 2586.0 | 128. | 2588.5 | 204. | 2586.4 | 218. | 2588.3 | 225. | 2588.9 | 265. | 325000 |
| GR | 2584.0 | 300. | 2583.7 | 340. | 2591.1 | 360. | 2594.0 | 375. | .0 | 0. | 326000 |
| OT | 6. | 1118. | 2435. | 4053. | 4870. | 6905. | 4870. | 0. | 0. | 0. | 327000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 130.00 | 225.00 | .00 | 328000 |

| | | | | | | | | | | | |
|----|--------|------|--------|------|--------|------|--------|--------|--------|------|--------|
| X1 | 10.05 | 13. | 145. | 209. | 530. | 530. | 530. | .00 | .00 | 0. | 329000 |
| GR | 2616.4 | 60. | 2612.2 | 86. | 2612.2 | 99. | 2600.4 | 140. | 2597.2 | 145. | 330000 |
| GR | 2592.0 | 151. | 2591.2 | 161. | 2591.2 | 175. | 2579.1 | 209. | 2604.2 | 274. | 331000 |
| GR | 2606.0 | 376. | 2609.2 | 464. | 2612.4 | 565. | .0 | 0. | .0 | 0. | 332000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 130.00 | 225.00 | .00 | 332100 |

| | | | | | | | | | | | |
|----|-------|------|------|-----|-------|------|--------|--------|--------|--------|--------|
| X1 | 10.05 | 0. | 0. | 0. | 40. | 40. | 40. | .00 | .00 | 0. | 333000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 130.00 | 225.00 | .00 | 333100 |
| Sb | 1.25 | 1.00 | 3.00 | 0. | 55.90 | 8.00 | 755.40 | 1.25 | 2591.2 | 2591.2 | 334000 |

| | | | | | | | | | | | |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| X1 | 10.05 | 0. | 0. | 0. | 30. | 30. | 30. | .00 | .00 | 0. | 335000 |
| X2 | 0. | .00 | 1. | 2603.2 | 2605.7 | .00 | 0. | .00 | 0. | 0. | 336000 |
| BT | 12.0 | 00.0 | 2616.4 | .0 | 86.0 | 2612.2 | .0 | 99.0 | 2612.2 | .0 | 337000 |
| BT | 120.0 | 2606.0 | .0 | 135.0 | 2605.7 | .0 | 135.0 | 2607.2 | .0 | 219.0 | 338000 |
| BT | 2607.9 | .0 | 219.0 | 2606.1 | .0 | 235.0 | 2606.4 | .0 | 290.0 | 2606.9 | 339000 |
| PT | .0 | 407.0 | 2607.2 | .0 | 565.0 | 2612.4 | .0 | .0 | .0 | .0 | 340000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 130.00 | 225.00 | .00 | 340100 |

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| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|--------|--------|-----|--------|
| XI | 10.05 | 0. | 0. | 0. | 10. | 10. | 10. | .00 | .00 | 0. | 341000 |
| RT | 6. | 1100. | 2400. | 4000. | 4800. | 6800. | 4800. | 0. | 0. | 0. | 342000 |
| FT | 0. | .00 | .00 | .00 | .00 | .00 | 8.11 | 500.00 | 590.00 | .00 | 343000 |

+00

| | | | | | | | | | | | |
|-------|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|
| AT XI | 10.36 | 24. | 509. | 579. | 1640. | 1640. | 1640. | .00 | .00 | 0. | 344000 |
| GR | 2696.1 | 0. | 2657.3 | 52. | 2644.4 | 137. | 2642.4 | 170. | 2639.0 | 231. | 345000 |
| GR | 2642.0 | 401. | 2645.1 | 457. | 2645.0 | 470. | 2644.0 | 482. | 2634.0 | 509. | 346000 |
| GR | 2632.4 | 509. | 2632.4 | 544. | 2634.2 | 544. | 2635.4 | 547. | 2635.4 | 558. | 347000 |
| GR | 2634.2 | 560. | 2632.3 | 560. | 2632.3 | 579. | 2634.2 | 579. | 2642.3 | 606. | 348000 |
| GR | 2652.7 | 638. | 2653.8 | 782. | 2661.0 | 822. | 2695.1 | 888. | .0 | 0. | 349000 |
| FJ | | | | | | | | | | | 350000 |

 HEC2 RFLFAE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

| | | | | |
|----|-----------------------|--------------|-----|-------|
| T1 | CHEROKEE INDIAN LANDS | OSH=RAVENFK1 | 003 | 61000 |
| T2 | 100-YEAR FLOODWAY | 4011270 JHN | 003 | 62000 |
| T3 | RAVEN FORK | | 003 | 63000 |

| | | | | | | | | | | | |
|----|--------|-----|------|------|--------|--------|-------|----|---------|-----|--------|
| J1 | TCHECK | ING | MINV | IDIR | STPT | METRIC | HVINS | G | WSFL | FQ | |
| | 0. | 7. | 0. | 0. | .00000 | 0. | .00 | 0. | 2302.10 | .00 | 364000 |

| | | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-----|-------|-----|-------|--------|--------|
| J2 | NPROF | TPLUT | PREVS | XSECV | XSECH | FN | ALLCC | IDW | CHNTH | ITRACE | |
| | 15. | 0. | -1. | 0. | 0. | .00 | .0 | 0. | 0. | 0. | 365000 |

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERPOP CORR 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

RAVEN FURK

SUMMARY PRINTOUT TABLE 110

| SECTN | CWSEL | DIFKWS | EG | TOPWID | PFRFNC | STENCL | STENCR | STCHI | STCHR | QLOB | QCH | QROB |
|-------|---------|--------|---------|--------|--------|--------|--------|-------|-------|------|-------|-------|
| 5.960 | 2302.10 | .00 | 2304.36 | 172. | 0. | 0. | 0. | 352. | 434. | 168. | 8753. | 1199. |
| 5.960 | 2302.10 | .00 | 2305.03 | 105. | 105. | 340. | 445. | 352. | 434. | 186. | 9575. | 359. |
| 6.140 | 2310.75 | .00 | 2312.54 | 144. | 0. | 0. | 0. | 370. | 456. | 327. | 9678. | 87. |
| 6.140 | 2311.30 | .55 | 2312.99 | 104. | 105. | 360. | 465. | 370. | 456. | 153. | 9837. | 102. |
| 6.250 | 2317.05 | .00 | 2318.67 | 160. | 0. | 0. | 0. | 445. | 525. | 0. | 7433. | 2642. |
| 6.250 | 2317.28 | .23 | 2319.16 | 117. | 130. | 435. | 565. | 445. | 525. | 0. | 8021. | 2054. |
| 6.410 | 2323.37 | .00 | 2325.10 | 205. | 0. | 0. | 0. | 250. | 335. | 352. | 9245. | 454. |
| 6.410 | 2323.76 | .37 | 2325.59 | 105. | 105. | 240. | 345. | 250. | 335. | 153. | 9702. | 196. |
| 6.410 | 2323.94 | .00 | 2325.41 | 229. | 0. | 0. | 0. | 250. | 335. | 369. | 9099. | 584. |
| 6.410 | 2324.20 | .26 | 2325.88 | 105. | 105. | 240. | 345. | 250. | 335. | 155. | 9690. | 206. |
| 6.410 | 2326.57 | .00 | 2327.24 | 437. | 0. | 0. | 0. | 250. | 335. | 473. | 8120. | 1458. |
| 6.410 | 2327.52 | .95 | 2328.48 | 105. | 105. | 240. | 345. | 250. | 335. | 159. | 9639. | 253. |
| 6.410 | 2326.46 | .00 | 2327.70 | 191. | 0. | 0. | 0. | 250. | 335. | 234. | 9531. | 286. |
| 6.410 | 2327.52 | 1.03 | 2328.61 | 105. | 105. | 240. | 345. | 250. | 335. | 140. | 9702. | 209. |
| 6.500 | 2328.14 | .00 | 2329.32 | 307. | 0. | 0. | 0. | 264. | 341. | 357. | 8762. | 933. |
| 6.500 | 2328.85 | .60 | 2330.16 | 120. | 120. | 230. | 350. | 264. | 341. | 402. | 9523. | 126. |
| 6.500 | 2332.07 | .00 | 2333.75 | 170. | 0. | 0. | 0. | 310. | 415. | 152. | 9179. | 713. |
| 6.500 | 2332.52 | .05 | 2334.23 | 125. | 125. | 300. | 425. | 310. | 415. | 78. | 9623. | 324. |
| 6.660 | 2335.80 | .00 | 2336.74 | 247. | 0. | 0. | 0. | 328. | 430. | 317. | 8643. | 1064. |
| 6.660 | 2336.17 | .38 | 2337.29 | 120. | 120. | 320. | 440. | 328. | 430. | 83. | 9538. | 403. |
| 6.760 | 2342.41 | .00 | 2344.74 | 136. | 0. | 0. | 0. | 178. | 294. | 23. | 9950. | 25. |
| 6.760 | 2342.60 | .14 | 2344.81 | 131. | 155. | 170. | 305. | 178. | 294. | 25. | 9944. | 29. |

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| SECNO | CWSEL | DIFKWS | EG | TOPWID | PERENC | STENCL | STENCR | STCHL | STCHR | QLOB | QCH | QROB |
|-------|---------|--------|---------|--------|--------|--------|--------|-------|-------|------|-------|-------|
| 6.840 | 2349.16 | .00 | 2351.05 | 141. | 0. | 0. | 0. | 178. | 294. | 36. | 9916. | 46. |
| 6.840 | 2349.07 | -.09 | 2351.00 | 133. | 135. | 170. | 305. | 178. | 294. | 30. | 9926. | 43. |
| 6.920 | 2354.00 | .00 | 2354.90 | 456. | 0. | 0. | 0. | 43. | 140. | 1. | 5279. | 4693. |
| 6.920 | 2354.00 | -.00 | 2354.92 | 209. | 270. | 35. | 305. | 43. | 140. | 1. | 5282. | 4690. |
| 7.090 | 2363.00 | .00 | 2366.04 | 130. | 0. | 0. | 0. | 125. | 189. | 458. | 9463. | 26. |
| 7.090 | 2363.08 | .08 | 2366.71 | 79. | 80. | 115. | 195. | 125. | 189. | 226. | 9693. | 29. |
| 7.280 | 2376.72 | .00 | 2377.77 | 154. | 0. | 0. | 0. | 85. | 183. | 108. | 8828. | 982. |
| 7.280 | 2377.13 | .41 | 2378.34 | 120. | 120. | 75. | 195. | 85. | 183. | 119. | 9542. | 257. |
| 7.410 | 2381.71 | .00 | 2383.19 | 264. | 0. | 0. | 0. | 136. | 249. | 33. | 9024. | 843. |
| 7.410 | 2382.16 | .45 | 2383.81 | 138. | 170. | 100. | 270. | 136. | 249. | 42. | 9741. | 118. |
| 7.410 | 2382.07 | .00 | 2383.65 | 202. | 0. | 0. | 0. | 112. | 250. | 0. | 9819. | 81. |
| 7.410 | 2382.89 | .82 | 2384.19 | 138. | 170. | 100. | 270. | 112. | 250. | 0. | 9900. | 0. |
| 7.410 | 2382.02 | .00 | 2383.73 | 197. | 0. | 0. | 0. | 112. | 250. | 0. | 9809. | 91. |
| 7.410 | 2382.76 | -.75 | 2384.35 | 138. | 170. | 100. | 270. | 112. | 250. | 0. | 9900. | 0. |
| 7.410 | 2383.07 | .00 | 2384.45 | 225. | 0. | 0. | 0. | 112. | 250. | 0. | 9450. | 450. |
| 7.410 | 2383.70 | .63 | 2385.29 | 138. | 170. | 100. | 270. | 112. | 250. | 0. | 9900. | 0. |
| 7.410 | 2383.44 | .00 | 2384.49 | 234. | 0. | 0. | 0. | 112. | 250. | 0. | 9659. | 241. |
| 7.410 | 2384.46 | 1.02 | 2385.36 | 138. | 170. | 100. | 270. | 112. | 250. | 0. | 9900. | 0. |
| 7.410 | 2383.46 | .00 | 2384.54 | 275. | 0. | 0. | 0. | 136. | 249. | 49. | 9312. | 539. |
| 7.410 | 2384.44 | .98 | 2385.43 | 161. | 170. | 100. | 270. | 136. | 249. | 69. | 9652. | 179. |
| 7.580 | 2390.16 | .00 | 2391.46 | 234. | 0. | 0. | 0. | 53. | 206. | 0. | 6207. | 75. |
| 7.580 | 2390.39 | .22 | 2391.63 | 145. | 170. | 45. | 215. | 53. | 206. | 0. | 8282. | 0. |
| 7.990 | 2415.00 | .00 | 2417.84 | 85. | 0. | 0. | 0. | 32. | 125. | 0. | 8240. | 0. |
| 7.990 | 2415.83 | -.17 | 2417.74 | 85. | 110. | 25. | 135. | 32. | 125. | 0. | 8240. | 0. |
| 8.200 | 2450.17 | .00 | 2442.75 | 93. | 0. | 0. | 0. | 71. | 116. | 228. | 7289. | 722. |
| 8.200 | 2450.32 | .15 | 2443.05 | 70. | 70. | 65. | 135. | 71. | 116. | 110. | 7466. | 664. |
| 8.350 | 2452.36 | .00 | 2454.83 | 112. | 0. | 0. | 0. | 71. | 116. | 707. | 6334. | 1199. |
| 8.350 | 2452.89 | .53 | 2454.07 | 70. | 70. | 65. | 135. | 71. | 116. | 159. | 7063. | 1018. |
| 8.500 | 2450.32 | .00 | 2456.86 | 78. | 0. | 0. | 0. | 75. | 130. | 21. | 5098. | 81. |
| 8.500 | 2455.09 | .77 | 2456.82 | 82. | 95. | 65. | 160. | 75. | 130. | 31. | 5059. | 110. |
| 8.500 | 2455.51 | .00 | 2457.07 | 85. | 0. | 0. | 0. | 75. | 130. | 37. | 5036. | 127. |
| 8.500 | 2455.80 | .37 | 2457.30 | 87. | 95. | 65. | 160. | 75. | 130. | 44. | 5015. | 142. |
| 8.500 | 2456.26 | .00 | 2457.55 | 89. | 0. | 0. | 0. | 75. | 130. | 49. | 4994. | 157. |
| 8.500 | 2456.70 | .52 | 2457.92 | 90. | 95. | 65. | 160. | 75. | 130. | 58. | 4964. | 179. |

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| SFCNO | CMSL | DIFKWS | EG | TOPWID | PERENC | STFCL | STNGCR | SICHL | SICHR | QLOB | RCH | QROR |
|-------|---------|--------|---------|--------|--------|-------|--------|-------|-------|-------|-------|------|
| 8.390 | 2456.33 | .00 | 2457.62 | 90. | 0. | 0. | 0. | 75. | 130. | 42. | 5022. | 136. |
| 8.390 | 2456.83 | .50 | 2457.98 | 90. | 95. | 65. | 160. | 75. | 130. | 50. | 4996. | 150. |
| 8.530 | 2462.03 | .00 | 2463.38 | 122. | 0. | 0. | 0. | 220. | 288. | 269. | 4931. | 0. |
| 8.530 | 2462.15 | .12 | 2463.59 | 76. | 90. | 210. | 300. | 220. | 288. | 113. | 5087. | 0. |
| 8.760 | 2473.79 | .00 | 2474.61 | 135. | 0. | 0. | 0. | 726. | 860. | 0. | 5193. | 7. |
| 8.760 | 2473.86 | .07 | 2474.66 | 135. | 150. | 720. | 870. | 726. | 860. | 0. | 5193. | 7. |
| 8.940 | 2486.75 | .00 | 2488.96 | 93. | 0. | 0. | 0. | 195. | 285. | 0. | 5046. | 46. |
| 8.940 | 2486.74 | -.01 | 2488.96 | 91. | 105. | 190. | 295. | 195. | 285. | 0. | 5044. | 48. |
| 8.940 | 2488.37 | .00 | 2489.59 | 115. | 0. | 0. | 0. | 195. | 285. | 0. | 4986. | 106. |
| 8.940 | 2488.39 | -.01 | 2489.60 | 97. | 105. | 190. | 295. | 195. | 285. | 0. | 5002. | 90. |
| 8.940 | 2488.79 | .00 | 2489.85 | 131. | 0. | 0. | 0. | 195. | 285. | 0. | 4961. | 131. |
| 8.940 | 2488.76 | -.00 | 2489.87 | 98. | 105. | 190. | 295. | 195. | 285. | 0. | 4994. | 98. |
| 8.940 | 2488.91 | .00 | 2489.93 | 135. | 0. | 0. | 0. | 195. | 285. | 0. | 4953. | 139. |
| 8.940 | 2488.90 | -.00 | 2489.95 | 99. | 105. | 190. | 295. | 195. | 285. | 0. | 4992. | 100. |
| 9.100 | 2499.06 | .00 | 2501.03 | 90. | 0. | 0. | 0. | 130. | 210. | 5. | 5043. | 13. |
| 9.100 | 2499.07 | .01 | 2501.03 | 91. | 100. | 120. | 220. | 130. | 210. | 5. | 5043. | 13. |
| 9.220 | 2507.84 | .00 | 2508.68 | 142. | 0. | 0. | 0. | 250. | 323. | 760. | 4177. | 99. |
| 9.220 | 2508.16 | .31 | 2509.28 | 90. | 90. | 240. | 330. | 250. | 323. | 166. | 4772. | 97. |
| 9.320 | 2513.00 | .00 | 2514.07 | 129. | 0. | 0. | 0. | 221. | 295. | 302. | 4462. | 253. |
| 9.320 | 2513.52 | .07 | 2514.53 | 95. | 95. | 210. | 305. | 221. | 295. | 177. | 4656. | 183. |
| 9.470 | 2520.13 | .00 | 2521.68 | 97. | 0. | 0. | 0. | 272. | 355. | 57. | 4907. | 30. |
| 9.470 | 2520.25 | .12 | 2521.74 | 96. | 100. | 265. | 365. | 272. | 355. | 58. | 4904. | 31. |
| 9.470 | 2520.54 | .00 | 2521.45 | 78. | 0. | 0. | 0. | 548. | 605. | 46. | 4944. | 4. |
| 9.470 | 2520.52 | -.02 | 2521.45 | 78. | 140. | 460. | 620. | 548. | 605. | 45. | 4945. | 4. |
| 9.670 | 2530.97 | .00 | 2531.99 | 739. | 0. | 0. | 0. | 510. | 610. | 577. | 4071. | 346. |
| 9.670 | 2530.50 | -.30 | 2532.53 | 133. | 140. | 410. | 620. | 510. | 610. | 205. | 4773. | 16. |
| 9.670 | 2531.90 | .00 | 2532.24 | 929. | 0. | 0. | 0. | 525. | 610. | 741. | 3634. | 619. |
| 9.670 | 2532.32 | .02 | 2532.92 | 135. | 140. | 410. | 620. | 525. | 610. | 428. | 4549. | 17. |
| 9.820 | 2575.05 | .00 | 2576.60 | 246. | 0. | 0. | 0. | 300. | 380. | 869. | 4111. | 14. |
| 9.820 | 2575.51 | .03 | 2577.75 | 100. | 100. | 240. | 340. | 300. | 380. | 50. | 4913. | 31. |
| 9.940 | 2590.31 | .00 | 2591.33 | 273. | 0. | 0. | 0. | 265. | 340. | 1157. | 3668. | 168. |
| 9.940 | 2591.18 | .07 | 2592.73 | 95. | 95. | 255. | 350. | 265. | 340. | 48. | 4758. | 188. |

| SECNO. | CWSEL | DIFKWS | EG | TOPWID | PERENC | STENCL | STENCR | STCHL | STCHR | QLOB | QCH | QROB |
|--------|---------|--------|---------|--------|--------|--------|--------|-------|-------|------|-------|------|
| 10.050 | 2600.37 | .00 | 2602.42 | 85. | 0. | 0. | 0. | 145. | 209. | 14. | 4845. | 11. |
| 10.050 | 2600.74 | .36 | 2602.56 | 66. | 95. | 130. | 225. | 145. | 209. | 18. | 4831. | 21. |
| 10.050 | 2601.72 | .00 | 2603.08 | 107. | 0. | 0. | 0. | 145. | 209. | 30. | 4785. | 55. |
| 10.050 | 2601.83 | .11 | 2603.15 | 90. | 95. | 130. | 225. | 145. | 209. | 32. | 4784. | 54. |
| 10.050 | 2602.50 | .00 | 2603.59 | 120. | 0. | 0. | 0. | 145. | 209. | 42. | 4734. | 93. |
| 10.050 | 2602.57 | .06 | 2603.65 | 93. | 95. | 130. | 225. | 145. | 209. | 43. | 4753. | 74. |
| 10.050 | 2602.61 | .00 | 2603.67 | 121. | 0. | 0. | 0. | 145. | 209. | 44. | 4727. | 99. |
| 10.050 | 2602.67 | .06 | 2603.73 | 93. | 95. | 130. | 225. | 145. | 209. | 45. | 4749. | 76. |
| 10.360 | 2638.35 | .00 | 2640.68 | 95. | 0. | 0. | 0. | 509. | 579. | 71. | 4643. | 86. |
| 10.360 | 2638.34 | .00 | 2640.67 | 90. | 90. | 500. | 590. | 509. | 579. | 73. | 4639. | 89. |

FLOODWAY DATA, RAVEN FORK
PROFILE NO. 2

| STATION | FLOODWAY WIDTH | FLOODWAY SECTION AREA | MEAN VELOCITY | WATER SURFACE ELEVATION DIFFERENCE | | | |
|---------|----------------|-----------------------|---------------|------------------------------------|------------------|--------|-----|
| | | | | WITH FLOODWAY | WITHOUT FLOODWAY | | |
| | 5.960 | 105. | 803. | 12.6 | 2302.1 | 2302.1 | .0 |
| T | 6.140 | 105. | 1016. | 9.9 | 2311.3 | 2310.8 | .5 |
| U | 6.250 | 130. | 962. | 10.5 | 2317.3 | 2317.1 | .2 |
| | 6.410 | 105. | 1000. | 10.0 | 2323.8 | 2323.4 | .4 |
| | 6.410 | 105. | 1047. | 9.6 | 2324.2 | 2323.9 | .3 |
| | 6.410 | 105. | 1396. | 7.2 | 2327.5 | 2326.6 | .9 |
| V | 6.410 | 105. | 1303. | 7.7 | 2327.5 | 2326.5 | 1.0 |
| W | 6.500 | 120. | 1313. | 7.7 | 2328.9 | 2328.2 | .7 |
| X | 6.590 | 125. | 1002. | 10.0 | 2332.5 | 2332.1 | .4 |
| Y | 6.660 | 120. | 1245. | 8.0 | 2336.2 | 2335.8 | .4 |
| Z | 6.760 | 135. | 858. | 11.7 | 2342.6 | 2342.4 | .2 |
| | 6.840 | 135. | 918. | 10.9 | 2349.2 | 2349.2 | .0 |
| AA | 6.920 | 270. | 1301. | 7.7 | 2354.0 | 2354.0 | .0 |
| AB | 7.090 | 80. | 696. | 14.3 | 2363.1 | 2363.0 | .1 |
| AC | 7.280 | 120. | 1187. | 8.4 | 2377.1 | 2376.7 | .4 |
| | 7.410 | 170. | 997. | 9.9 | 2382.2 | 2381.7 | .5 |
| | 7.410 | 170. | 1081. | 9.2 | 2382.9 | 2382.1 | .8 |
| | 7.410 | 170. | 980. | 10.1 | 2382.8 | 2382.0 | .8 |
| | 7.410 | 170. | 980. | 10.1 | 2383.7 | 2383.1 | .6 |
| | 7.410 | 170. | 1297. | 7.6 | 2384.5 | 2383.4 | 1.1 |
| AD | 7.410 | 170. | 1329. | 7.9 | 2384.4 | 2383.5 | .9 |
| AE | 7.580 | 170. | 929. | 8.9 | 2390.4 | 2390.2 | .2 |
| AF | 7.990 | 110. | 743. | 11.1 | 2416.0 | 2416.0 | .0 |
| | 8.200 | 70. | 595. | 13.8 | 2439.3 | 2439.2 | .1 |
| AG | 8.350 | 70. | 635. | 9.9 | 2452.9 | 2452.4 | .5 |
| | 8.390 | 45. | 535. | 9.7 | 2455.1 | 2454.3 | .8 |
| | 8.390 | 45. | 602. | 8.6 | 2455.9 | 2455.5 | .4 |
| | 8.390 | 45. | 681. | 7.6 | 2456.8 | 2456.3 | .5 |
| AH | 8.390 | 45. | 685. | 7.6 | 2456.8 | 2456.3 | .5 |
| AI | 8.530 | 40. | 565. | 9.2 | 2462.2 | 2462.0 | .2 |
| AJ | 8.760 | 150. | 733. | 7.1 | 2473.9 | 2473.8 | .1 |
| | 8.900 | 105. | 430. | 11.7 | 2486.7 | 2486.7 | .0 |
| | 8.900 | 105. | 588. | 8.7 | 2488.0 | 2488.4 | .0 |
| | 8.900 | 105. | 630. | 8.1 | 2488.6 | 2488.8 | .0 |
| AK | 8.900 | 105. | 682. | 7.9 | 2488.9 | 2488.9 | .0 |
| AL | 9.100 | 100. | 450. | 11.1 | 2499.1 | 2499.1 | .0 |
| AM | 9.220 | 40. | 641. | 7.9 | 2508.2 | 2507.8 | .4 |
| AN | 9.320 | 45. | 679. | 7.4 | 2513.5 | 2513.0 | .5 |
| | 9.330 | 45. | 731. | 6.9 | 2514.1 | 2513.7 | .4 |
| AO | 9.430 | 100. | 533. | 9.8 | 2520.2 | 2520.1 | .1 |
| | 9.670 | 140. | 382. | 13.1 | 2554.5 | 2554.5 | .0 |
| | 9.670 | 140. | 487. | 10.3 | 2561.0 | 2561.0 | .0 |