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**July 16, 2007**

**CALIFORNIA TECHNICAL GUIDE**
**450-VI**
**TECHNICAL GUIDE NOTICE NO.90**

**SUBJECT:** TECHNICAL GUIDE SECTION II – Revised HEL (Highly Erodible Land) List, Fresno County, Western Part, California

**Purpose:** To transmit the HEL list for Fresno County, Western Part, California (CA653).

**Effective Date:** Effective upon receipt.

**Background:** This revised list is the official Highly Erodible Land (HEL) list for Fresno County, Western Part, California CA653). This list is used to support the conservation provisions of the 1985 Farm Bill known as the Food Security Act (FSA) of 1985. Separate lists were prepared for each Soil Survey Area found within the USDA Service Center service area.

The primary use of each list is for performing HEL Determinations in response to AD-1026 requests from the USDA Farm Service Agency. They are the official source of RUSLE2 (Revised Universal Soil Loss Equation) "Kf" and "T" and WEQ (Wind Erosion Equation) "I" factors used to make HEL determinations.

**Filing Instructions:** The HEL list is to be filed in Section II of the FOTG, and is also located in the HEL (Highly Erodible Land) lists folder under Section II - Natural Resources Information of the eFOTG (Electronic Field Office Technical Guide).

Diane B. Holcomb

DIANE HOLCOMB
State Resource Conservationist

Enclosures

DIST: electronically through section II of the Electronic Field Office Technical Guide (eFOTG)

# Highly Erodible Map Unit List
## Soil Survey of Fresno County, Western Part, California (CA653)

| MUSYM | COMPNAME \1 | C PCT | WEI | C FACTOR | T | Kf | R FACTOR Low | R FACTOR Mean | R FACTOR High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI wind C*I/T | 8t/rk Low R | 8t/rk RV R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL Max R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | ARMONA | 85 | 48 | 50 | 5 | 0.37 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 4.80 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 107 | ANELA | 85 | 48 | 20 | 3 | 0.17 | 10 | 15 | 30 | 0 | 2 | 50 | 400 | 0.060 | 0.304 | 3.20 | 14.12 | 9.41 | 4.71 | | NHEL | | NHEL |
| 115 | BOLFAR | 85 | 48 | 75 | 5 | 0.32 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 7.20 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 120 | ALTASLOUGH | 85 | 48 | 75 | 5 | 0.32 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 7.20 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 130 | GEPFORD | 85 | 86 | 40 | 5 | 0.28 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 6.88 | 14.29 | 14.29 | 14.29 | | NHEL | | NHEL |
| 282 | TACHI | 91 | 86 | 40 | 5 | 0.28 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 6.88 | 14.29 | 14.29 | 14.29 | | NHEL | | NHEL |
| 284 | LILLIS | 85 | 86 | 40 | 5 | 0.28 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 6.88 | 14.29 | 14.29 | 14.29 | | NHEL | | NHEL |
| 285 | TRANQUILLITY | 25 | 86 | 50 | 5 | 0.28 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 14.29 | 14.29 | 14.29 | | NHEL | | HEL |
| 285 | TRANQUILLITY | 60 | 86 | 50 | 5 | 0.28 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 14.29 | 14.29 | 14.29 | | NHEL | | HEL |
| 286 | TRANQUILLITY | 85 | 86 | 50 | 5 | 0.28 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 14.29 | 14.29 | 14.29 | | NHEL | | HEL |
| 311 | BISGANI | 85 | 86 | 50 | 3 | 0.28 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 14.33 | 8.57 | 8.57 | 8.57 | | NHEL | | HEL |
| 320 | ELNIDO | 85 | 86 | 75 | 4 | 0.24 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 16.13 | 13.33 | 13.33 | 13.33 | | NHEL | | HEL |
| 325 | PALAZZO | 85 | 86 | 50 | 5 | 0.24 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 16.67 | 16.67 | 16.67 | | NHEL | | HEL |
| 375 | LETHENT | 85 | 38 | 40 | 5 | 0.49 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 3.04 | 8.16 | 8.16 | 8.16 | | NHEL | | NHEL |
| 376 | AGNAL | 90 | 86 | 50 | 5 | 0.32 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 12.50 | 12.50 | 12.50 | | NHEL | | HEL |
| 404 | GUIJARRAL | 30 | 86 | 20 | 4 | 0.32 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 4.30 | 10.00 | 10.00 | 10.00 | | NHEL | | NHEL |
| 404 | MILHAM | 55 | 86 | 20 | 5 | 0.32 | 10 | 10 | 20 | 5 | 9 | 50 | 550 | 0.375 | 2.740 | 3.44 | 12.50 | 12.50 | 6.25 | | NHEL | | NHEL |
| 405 | GUIJARRAL | 30 | 86 | 20 | 4 | 0.37 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 4.30 | 8.65 | 8.65 | 8.65 | | NHEL | | NHEL |
| 405 | POLVADERO | 55 | 86 | 20 | 5 | 0.37 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 3.44 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 406 | GUIJARRAL | 85 | 86 | 40 | 4 | 0.32 | 10 | 10 | 15 | 2 | 5 | 100 | 600 | 0.200 | 1.306 | 8.60 | 10.00 | 10.00 | 6.67 | | NHEL | | HEL |
| 412 | YRIBARREN | 85 | 86 | 20 | 5 | 0.37 | 10 | 10 | 15 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.44 | 10.81 | 10.81 | 7.21 | | NHEL | | NHEL |
| 414 | DOSPALOS | 85 | 86 | 50 | 5 | 0.32 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 12.50 | 12.50 | 12.50 | | NHEL | | HEL |
| 415 | DOSPALOS | 85 | 86 | 75 | 5 | 0.24 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 12.90 | 16.67 | 16.67 | 16.67 | | NHEL | | HEL |
| 425 | KIMBERLINA | 85 | 48 | 40 | 5 | 0.32 | 10 | 10 | 10 | 0 | 2 | 100 | 800 | 0.069 | 0.374 | 3.84 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 426 | KIMBERLINA | 85 | 48 | 20 | 5 | 0.32 | 10 | 10 | 10 | 2 | 5 | 100 | 600 | 0.200 | 1.306 | 1.92 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 434 | LETHENT | 85 | 48 | 50 | 3 | 0.37 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.00 | 6.49 | 6.49 | 6.49 | | NHEL | | HEL |
| 435 | LETHENT | 90 | 48 | 40 | 3 | 0.43 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 6.40 | 5.58 | 5.58 | 5.58 | | NHEL | | NHEL |
| 436 | PANOCHE | 85 | 48 | 40 | 5 | 0.43 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.84 | 9.30 | 9.30 | 9.30 | | NHEL | | NHEL |
| 437 | PANOCHE | 85 | 56 | 40 | 5 | 0.43 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 4.48 | 9.30 | 9.30 | 9.30 | | NHEL | | NHEL |
| 438 | PANOCHE | 85 | 48 | 40 | 5 | 0.37 | 10 | 10 | 15 | 2 | 5 | 100 | 600 | 0.200 | 1.306 | 3.84 | 10.81 | 10.81 | 7.21 | | NHEL | | NHEL |
| 442 | PANOCHE | 85 | 38 | 40 | 5 | 0.43 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.04 | 9.30 | 9.30 | 9.30 | | NHEL | | NHEL |
| 445 | EXCELSIOR | 85 | 38 | 40 | 5 | 0.32 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.04 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 447 | EXCELSIOR | 85 | 38 | 40 | 4 | 0.32 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.80 | 10.00 | 10.00 | 10.00 | | NHEL | | NHEL |
| 448 | EXCELSIOR | 88 | 134 | 20 | 4 | 0.17 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 6.70 | 18.82 | 18.82 | 18.82 | | NHEL | | NHEL |

# Highly Erodible Map Unit List
## Soil Survey of Fresno County, Western Part, California (CA653)

| MUSYM | COMPNAME \1 | C PCT | WEI | C FACTOR | T | Kf | R FACTOR Low | R FACTOR Mean | R FACTOR High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI wind C*I/T | 8t/rk Low R | 8t/rk RV R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL Max R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 451 | MILHAM | 85 | 86 | 40 | 5 | 0.32 | 10 | 15 | 20 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 6.88 | 12.50 | 8.33 | 6.25 | | NHEL | | NHEL |
| 452 | MILHAM | 89 | 86 | 40 | 5 | 0.32 | 10 | 15 | 20 | 2 | 5 | 100 | 600 | 0.200 | 1.306 | 6.88 | 12.50 | 8.33 | 6.25 | | NHEL | | NHEL |
| 453 | MILHAM | 85 | 86 | 20 | 5 | 0.32 | 10 | 10 | 10 | 5 | 9 | 100 | 550 | 0.530 | 2.740 | 3.44 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 454 | POLVADERO | 85 | 86 | 40 | 5 | 0.37 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 6.88 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 455 | POLVADERO | 85 | 86 | 20 | 5 | 0.37 | 10 | 10 | 10 | 2 | 5 | 100 | 600 | 0.200 | 1.306 | 3.44 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 459 | CIERVO | 80 | 86 | 40 | 5 | 0.28 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 6.88 | 14.29 | 14.29 | 14.29 | | NHEL | | NHEL |
| 461 | CIERVO | 80 | 86 | 40 | 5 | 0.37 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 6.88 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 462 | CIERVO | 30 | 86 | 40 | 5 | 0.37 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 6.88 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 462 | CIERVO | 50 | 86 | 40 | 5 | 0.28 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 6.88 | 14.29 | 14.29 | 14.29 | | NHEL | | NHEL |
| 466 | PAVER | 85 | 48 | 40 | 5 | 0.32 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.84 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 468 | DELDOTA | 85 | 86 | 50 | 5 | 0.24 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 16.67 | 16.67 | 16.67 | | NHEL | | HEL |
| 470 | CHATEAU | 85 | 86 | 50 | 5 | 0.28 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 14.29 | 14.29 | 14.29 | | NHEL | | HEL |
| 472 | WEKODA | 85 | 86 | 50 | 5 | 0.2 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 20.00 | 20.00 | 20.00 | | NHEL | | HEL |
| 474 | WESTHAVEN | 85 | 38 | 40 | 5 | 0.43 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.04 | 9.30 | 9.30 | 9.30 | | NHEL | | NHEL |
| 475 | POSOCHANET | 88 | 86 | 50 | 5 | 0.32 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 8.60 | 12.50 | 12.50 | 12.50 | | NHEL | | HEL |
| 476 | POSOCHANET | 88 | 86 | 40 | 5 | 0.32 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 6.88 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 477 | WESTHAVEN | 85 | 38 | 40 | 5 | 0.37 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.04 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 478 | CERINI | 85 | 56 | 40 | 5 | 0.37 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 4.48 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 479 | CERINI | 85 | 38 | 40 | 5 | 0.32 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.04 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 480 | CALFLAX | 85 | 48 | 40 | 5 | 0.37 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 3.84 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 481 | CERINI | 85 | 48 | 20 | 5 | 0.37 | 10 | 10 | 10 | 2 | 5 | 100 | 600 | 0.200 | 1.306 | 1.92 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 482 | CALFLAX | 85 | 48 | 50 | 5 | 0.37 | 10 | 10 | 10 | 0 | 1 | 200 | 800 | 0.080 | 0.240 | 4.80 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 488 | WASCO | 85 | 56 | 40 | 5 | 0.32 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | 4.48 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 489 | WASCO | 85 | 56 | 40 | 5 | 0.32 | 10 | 10 | 10 | 2 | 5 | 100 | 600 | 0.200 | 1.306 | 4.48 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 490 | CERINI | 85 | 56 | 40 | 5 | 0.37 | 10 | 10 | 10 | 0 | 5 | 100 | 600 | 0.069 | 1.306 | 4.48 | 10.81 | 10.81 | 10.81 | | NHEL | | NHEL |
| 491 | CERINI | 85 | 38 | 40 | 5 | 0.32 | 10 | 10 | 10 | 0 | 5 | 100 | 600 | 0.069 | 1.306 | 3.04 | 12.50 | 12.50 | 12.50 | | NHEL | | NHEL |
| 492 | PANOCHE | 85 | 48 | 40 | 5 | 0.43 | 10 | 10 | 10 | 0 | 5 | 100 | 600 | 0.069 | 1.306 | 3.84 | 9.30 | 9.30 | 9.30 | | NHEL | | NHEL |
| 493 | PANOCHE | 85 | 38 | 40 | 5 | 0.43 | 10 | 10 | 10 | 0 | 5 | 100 | 600 | 0.069 | 1.306 | 3.04 | 9.30 | 9.30 | 9.30 | | NHEL | | NHEL |
| 587 | MUGATU | 85 | 86 | 20 | 4 | 0.28 | 10 | 10 | 10 | 0 | 5 | 100 | 600 | 0.069 | 1.306 | 4.30 | 11.43 | 11.43 | 11.43 | | NHEL | | NHEL |
| 588 | MUGATU | 85 | 86 | 20 | 4 | 0.28 | 10 | 10 | 10 | 5 | 30 | 50 | 550 | 0.375 | 13.742 | 4.30 | 11.43 | 11.43 | 11.43 | | PHEL | | NHEL |
| 590 | ANELA | 30 | 48 | 40 | 3 | 0.17 | 10 | 10 | 15 | 0 | 2 | 50 | 550 | 0.060 | 0.334 | 6.40 | 14.12 | 14.12 | 9.41 | | NHEL | | NHEL |
| 590 | CERINI | 30 | 86 | 40 | 5 | 0.28 | 10 | 10 | 15 | 0 | 2 | 50 | 550 | 0.060 | 0.334 | 6.88 | 14.29 | 14.29 | 9.52 | | NHEL | | NHEL |
| 590 | FLUVAQUENTS | 20 | 0 | 40 | 2 | 0.28 | 10 | 10 | 15 | 0 | 1 | 50 | 300 | 0.060 | 0.179 | 0.00 | 5.71 | 5.71 | 3.81 | | NHEL | | NHEL |
| 620 | DELGADO | 85 | 56 | 10 | 1 | 0.37 | 10 | 10 | 10 | 5 | 15 | 100 | 500 | 0.530 | 5.279 | 5.60 | 2.16 | 2.16 | 2.16 | | PHEL | | NHEL |

# Highly Erodible Map Unit List
## Soil Survey of Fresno County, Western Part, California (CA653)

| MUSYM | COMPNAME \1 | C PCT | WEI | C FACTOR | T | Kf | R FACTOR Low | R FACTOR Mean | R FACTOR High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI wind C*I/T | 8t/rk Low R | 8t/rk RV R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL Max R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 621 | DELGADO | 85 | 56 | 10 | 1 | 0.37 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 5.60 | 2.16 | 2.16 | 2.16 | | PHEL | | NHEL |
| 640 | DELGADO | 30 | 56 | 10 | 1 | 0.37 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 5.60 | 2.16 | 2.16 | 2.16 | | PHEL | | NHEL |
| 640 | KETTLEMAN | 35 | 38 | 10 | 2 | 0.37 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 1.90 | 4.32 | 4.32 | 4.32 | | PHEL | | NHEL |
| 640 | MERCEY | 20 | 48 | 10 | 2 | 0.43 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 2.40 | 3.72 | 3.72 | 3.72 | | PHEL | | NHEL |
| 641 | DELGADO | 30 | 56 | 10 | 1 | 0.37 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 5.60 | 2.16 | 2.16 | 2.16 | | PHEL | | NHEL |
| 641 | KETTLEMAN | 20 | 38 | 10 | 2 | 0.37 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 1.90 | 4.32 | 4.32 | 4.32 | | PHEL | | NHEL |
| 641 | MERCEY | 35 | 48 | 10 | 2 | 0.43 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 2.40 | 3.72 | 3.72 | 3.72 | | PHEL | | NHEL |
| 642 | DELGADO | 30 | 56 | 10 | 1 | 0.37 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 5.60 | 2.16 | 2.16 | 2.16 | | PHEL | | NHEL |
| 642 | KETTLEMAN | 20 | 38 | 10 | 2 | 0.37 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 1.90 | 4.32 | 4.32 | 4.32 | | PHEL | | NHEL |
| 642 | MERCEY | 35 | 48 | 10 | 2 | 0.43 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.40 | 3.72 | 3.72 | 3.72 | | PHEL | | NHEL |
| 643 | DELGADO | 30 | 56 | 10 | 1 | 0.37 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 5.60 | 2.16 | 2.16 | 2.16 | | PHEL | | NHEL |
| 643 | KETTLEMAN | 20 | 38 | 10 | 2 | 0.37 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 1.90 | 4.32 | 4.32 | 4.32 | | PHEL | | NHEL |
| 643 | MERCEY | 35 | 48 | 10 | 2 | 0.43 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.40 | 3.72 | 3.72 | 3.72 | | PHEL | | NHEL |
| 644 | DELGADO | 20 | 56 | 10 | 1 | 0.37 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 5.60 | 2.16 | 2.16 | 2.16 | | HEL | | NHEL |
| 644 | KETTLEMAN | 30 | 38 | 10 | 2 | 0.37 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 1.90 | 4.32 | 4.32 | 4.32 | | PHEL | | NHEL |
| 644 | MERCEY | 35 | 48 | 10 | 2 | 0.43 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 2.40 | 3.72 | 3.72 | 3.72 | | HEL | | NHEL |
| 645 | DELGADO | 35 | 56 | 10 | 1 | 0.37 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 5.60 | 2.16 | 2.16 | 2.16 | | HEL | | NHEL |
| 645 | KETTLEMAN | 20 | 38 | 10 | 2 | 0.37 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 1.90 | 4.32 | 4.32 | 4.32 | | PHEL | | NHEL |
| 645 | MERCEY | 30 | 48 | 10 | 2 | 0.43 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 2.40 | 3.72 | 3.72 | 3.72 | | HEL | | NHEL |
| 670 | BADLAND | 35 | -- | 10 | 0 | 0 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 670 | KETTLEMAN | 25 | 48 | 10 | 3 | 0.32 | 10 | 10 | 10 | 15 | 50 | 50 | 400 | 1.658 | 21.085 | 1.60 | 7.50 | 7.50 | 7.50 | | PHEL | | NHEL |
| 670 | MERCEY | 25 | 48 | 10 | 2 | 0.43 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.40 | 3.72 | 3.72 | 3.72 | | PHEL | | NHEL |
| 680 | ARBURUA | 45 | 86 | 20 | 2 | 0.37 | 10 | 10 | 15 | 15 | 50 | 50 | 400 | 1.658 | 21.085 | 8.60 | 4.32 | 4.32 | 2.88 | | PHEL | | HEL |
| 680 | MORENOGULCH | 40 | 86 | 20 | 1 | 0.32 | 10 | 10 | 15 | 50 | 80 | 50 | 250 | 7.393 | 24.827 | 17.20 | 2.50 | 2.50 | 1.67 | | HEL | | HEL |
| 704 | FRANCISCAN | 85 | 56 | 10 | 2 | 0.32 | 45 | 45 | 45 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 2.80 | 1.11 | 1.11 | 1.11 | | HEL | | NHEL |
| 705 | ROACHA | 85 | 86 | 10 | 3 | 0.32 | 30 | 35 | 45 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 2.87 | 2.50 | 2.14 | 1.67 | | HEL | | NHEL |
| 706 | SAGASER | 85 | 48 | 20 | 4 | 0.37 | 20 | 30 | 40 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | 2.40 | 4.32 | 2.88 | 2.16 | | HEL | | NHEL |
| 709 | BORREGUERO | 15 | 86 | 20 | 1 | 0.24 | 20 | 25 | 45 | 50 | 65 | 50 | 250 | 7.393 | 21.251 | 17.20 | 1.67 | 1.33 | 0.74 | | HEL | | HEL |
| 709 | GAVIOTA | 20 | 86 | 20 | 1 | 0.24 | 20 | 25 | 45 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | 17.20 | 1.67 | 1.33 | 0.74 | | HEL | | HEL |
| 709 | SAGASER | 50 | 48 | 20 | 4 | 0.37 | 20 | 25 | 45 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | 2.40 | 4.32 | 3.46 | 1.92 | | HEL | | NHEL |
| 710 | BADLAND | 15 | -- | 10 | 0 | 0 | 15 | 15 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 710 | EXCLOSE | 20 | 86 | 10 | 5 | 0.32 | 15 | 15 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 1.72 | 8.33 | 8.33 | 8.33 | | PHEL | | NHEL |
| 710 | MONORIDGE | 45 | 86 | 10 | 2 | 0.2 | 15 | 15 | 15 | 40 | 65 | 50 | 300 | 5.807 | 23.254 | 4.30 | 5.33 | 5.33 | 5.33 | | HEL | | NHEL |
| 711 | * BORREGUERO | 20 | 86 | 20 | 2 | 0.24 | 15 | 25 | 45 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 8.60 | 4.44 | 2.67 | 1.48 | PHEL | HEL | | HEL |

# Highly Erodible Map Unit List
## Soil Survey of Fresno County, Western Part, California (CA653)

| MUSYM | COMPNAME \1 | C PCT | WEI | C FACTOR | T | Kf | R FACTOR Low | R FACTOR Mean | R FACTOR High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI wind C*I/T | 8t/rk Low R | 8t/rk RV R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL Max R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 711 | CURRYMOUNTAIN | 45 | 48 | 20 | 2 | 0.32 | 15 | 25 | 45 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 4.80 | 3.33 | 2.00 | 1.11 | | HEL | | NHEL |
| 711 | WISFLAT | 20 | 86 | 20 | 1 | 0.32 | 15 | 25 | 45 | 40 | 75 | 50 | 250 | 5.807 | 23.749 | 17.20 | 1.67 | 1.00 | 0.56 | | HEL | | HEL |
| 712 | ALTAMONT | 40 | 86 | 5 | 3 | 0.28 | 20 | 35 | 50 | 15 | 50 | 50 | 300 | 1.658 | 18.210 | 1.43 | 4.29 | 2.45 | 1.71 | | PHEL | | NHEL |
| 712 | BORREGUERO | 20 | 86 | 5 | 2 | 0.24 | 20 | 35 | 50 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 2.15 | 3.33 | 1.90 | 1.33 | | HEL | | NHEL |
| 712 | ROACHA | 25 | 86 | 5 | 3 | 0.32 | 20 | 35 | 50 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 1.43 | 3.75 | 2.14 | 1.50 | | HEL | | NHEL |
| 713 | CURRYMOUNTAIN | 45 | 48 | 5 | 2 | 0.32 | 40 | 45 | 50 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | 1.20 | 1.25 | 1.11 | 1.00 | | HEL | | NHEL |
| 713 | QUINTO | 20 | 56 | 5 | 1 | 0.24 | 40 | 45 | 50 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | 2.80 | 0.83 | 0.74 | 0.67 | | HEL | | NHEL |
| 713 | ROCK OUTCROP | 20 | -- | 5 | 0 | 0 | 40 | 45 | 50 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 714 | BORREGUERO | 25 | 86 | 20 | 2 | 0.24 | 20 | 35 | 50 | 40 | 65 | 50 | 250 | 5.807 | 21.251 | 8.60 | 3.33 | 1.90 | 1.33 | | HEL | | HEL |
| 714 | GAVIOTA | 45 | 86 | 20 | 1 | 0.24 | 20 | 35 | 50 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | 17.20 | 1.67 | 0.95 | 0.67 | | HEL | | HEL |
| 714 | ROCK OUTCROP | 15 | -- | 20 | 0 | 0 | 20 | 35 | 50 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 715 | BELGARRA | 55 | 86 | 10 | 5 | 0.24 | 15 | 15 | 15 | 8 | 30 | 50 | 500 | 0.694 | 13.111 | 1.72 | 11.11 | 11.11 | 11.11 | | PHEL | | NHEL |
| 715 | WISFLAT | 30 | 86 | 10 | 1 | 0.32 | 15 | 15 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 8.60 | 1.67 | 1.67 | 1.67 | | HEL | | HEL |
| 717 | * ARBURUA | 30 | 86 | 20 | 2 | 0.37 | 10 | 10 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 8.60 | 4.32 | 4.32 | 2.88 | | PHEL | HEL | HEL |
| 717 | * BELGARRA | 35 | 86 | 20 | 5 | 0.24 | 10 | 10 | 15 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 3.44 | 16.67 | 16.67 | 11.11 | | NHEL | PHEL | NHEL |
| 717 | MORENOGULCH | 15 | 86 | 20 | 1 | 0.32 | 10 | 10 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 17.20 | 2.50 | 2.50 | 1.67 | | HEL | | HEL |
| 718 | NODHILL | 35 | 86 | 10 | 3 | 0.37 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.87 | 6.49 | 6.49 | 6.49 | | PHEL | | NHEL |
| 718 | ROCK OUTCROP | 15 | -- | 10 | 0 | 0 | 10 | 10 | 10 | 15 | 50 | 50 | 300 | 1.658 | 18.210 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 718 | WISFLAT | 35 | 86 | 10 | 1 | 0.32 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 8.60 | 2.50 | 2.50 | 2.50 | | HEL | | HEL |
| 719 | ARBURUA | 25 | 86 | 10 | 2 | 0.37 | 10 | 10 | 10 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 4.30 | 4.32 | 4.32 | 4.32 | | PHEL | | NHEL |
| 719 | NODHILL | 40 | 86 | 10 | 3 | 0.37 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.87 | 6.49 | 6.49 | 6.49 | | PHEL | | NHEL |
| 719 | WISFLAT | 15 | 86 | 10 | 1 | 0.32 | 10 | 10 | 10 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 8.60 | 2.50 | 2.50 | 2.50 | | HEL | | HEL |
| 720 | EXCLOSE | 40 | 86 | 10 | 5 | 0.32 | 15 | 15 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 1.72 | 8.33 | 8.33 | 8.33 | | PHEL | | NHEL |
| 720 | MORENOGULCH | 15 | 86 | 10 | 1 | 0.32 | 15 | 15 | 15 | 50 | 65 | 50 | 250 | 7.393 | 21.251 | 8.60 | 1.67 | 1.67 | 1.67 | | HEL | | HEL |
| 720 | WISFLAT | 30 | 86 | 10 | 1 | 0.32 | 15 | 15 | 15 | 50 | 65 | 50 | 250 | 7.393 | 21.251 | 8.60 | 1.67 | 1.67 | 1.67 | | HEL | | HEL |
| 722 | * EXCLOSE | 40 | 86 | 20 | 5 | 0.2 | 10 | 10 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 3.44 | 20.00 | 20.00 | 13.33 | | NHEL | PHEL | NHEL |
| 722 | ROCK OUTCROP | 15 | -- | 20 | 0 | 0.43 | 10 | 10 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 722 | WISFLAT | 30 | 86 | 20 | 1 | 0.32 | 10 | 10 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 17.20 | 2.50 | 2.50 | 1.67 | | HEL | | HEL |
| 723 | EXCLOSE | 40 | 86 | 20 | 5 | 0.2 | 10 | 10 | 35 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 3.44 | 20.00 | 20.00 | 5.71 | | PHEL | | NHEL |
| 723 | GRAZER | 20 | 86 | 20 | 4 | 0.37 | 10 | 10 | 35 | 15 | 50 | 50 | 400 | 1.658 | 21.085 | 4.30 | 8.65 | 8.65 | 2.47 | | PHEL | | NHEL |
| 723 | WISFLAT | 25 | 86 | 20 | 1 | 0.32 | 10 | 10 | 35 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 17.20 | 2.50 | 2.50 | 0.71 | | HEL | | HEL |
| 725 | GEWTER | 85 | 86 | 10 | 2 | 0.24 | 15 | 15 | 15 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 4.30 | 4.44 | 4.44 | 4.44 | | PHEL | | NHEL |
| 727 | GEWTER | 30 | 48 | 5 | 2 | 0 | 20 | 30 | 45 | 25 | 65 | 50 | 300 | 3.269 | 23.254 | 1.20 | ---- | ---- | ---- | | ---- | | NHEL |
| 727 | RELIZ | 40 | 48 | 5 | 2 | 0.37 | 20 | 30 | 45 | 25 | 65 | 50 | 300 | 3.269 | 23.254 | 1.20 | 2.16 | 1.44 | 0.96 | | HEL | | NHEL |

# Highly Erodible Map Unit List
## Soil Survey of Fresno County, Western Part, California (CA653)

| MUSYM | COMPNAME \1 | C PCT | WEI | C FACTOR | T | Kf | R FACTOR Low | R FACTOR Mean | R FACTOR High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI wind C*I/T | 8t/rk Low R | 8t/rk RV R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL Max R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 727 | ROCK OUTCROP | 15 | -- | 5 | 0 | 0 | 20 | 30 | 45 | 65 | 75 | 50 | 250 | 9.441 | 23.749 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 728 | CLIMARA | 85 | 86 | 10 | 2 | 0.2 | 20 | 25 | 45 | 15 | 50 | 50 | 300 | 1.658 | 18.210 | 4.30 | 4.00 | 3.20 | 1.78 | | PHEL | | NHEL |
| 733 | CLIMARA | 35 | 86 | 5 | 2 | 0.2 | 20 | 35 | 45 | 15 | 50 | 50 | 300 | 1.658 | 18.210 | 2.15 | 4.00 | 2.29 | 1.78 | | PHEL | | NHEL |
| 733 | HENTINE | 50 | 48 | 5 | 1 | 0.32 | 20 | 35 | 45 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 2.40 | 1.25 | 0.71 | 0.56 | | HEL | | NHEL |
| 735 | GETRAIL | 35 | 86 | 10 | 3 | 0.24 | 25 | 25 | 25 | 15 | 40 | 50 | 400 | 1.658 | 16.562 | 2.87 | 4.00 | 4.00 | 4.00 | | PHEL | | NHEL |
| 735 | ROCK OUTCROP | 20 | -- | 10 | 0 | 0 | 25 | 25 | 25 | 40 | 65 | 50 | 250 | 5.807 | 21.251 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 735 | VERNADO | 20 | 86 | 10 | 2 | 0.24 | 25 | 25 | 25 | 40 | 65 | 50 | 250 | 5.807 | 21.251 | 4.30 | 2.67 | 2.67 | 2.67 | | HEL | | NHEL |
| 737 | BADLAND | 30 | -- | 10 | 0 | 0 | 10 | 10 | 10 | 45 | 75 | 50 | 250 | 6.618 | 23.749 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 737 | GRAZER | 35 | 86 | 10 | 4 | 0.37 | 10 | 10 | 10 | 15 | 45 | 50 | 300 | 1.658 | 16.302 | 2.15 | 8.65 | 8.65 | 8.65 | | PHEL | | NHEL |
| 737 | WISFLAT | 20 | 86 | 10 | 1 | 0.32 | 10 | 10 | 10 | 15 | 50 | 50 | 300 | 1.658 | 18.210 | 8.60 | 2.50 | 2.50 | 2.50 | | PHEL | | HEL |
| 738 | ARBURUA | 20 | 86 | 10 | 2 | 0.37 | 15 | 15 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 4.30 | 2.88 | 2.88 | 2.88 | | HEL | | NHEL |
| 738 | BELGARRA | 30 | 86 | 10 | 5 | 0.24 | 15 | 15 | 15 | 8 | 30 | 50 | 500 | 0.694 | 13.111 | 1.72 | 11.11 | 11.11 | 11.11 | | PHEL | | NHEL |
| 738 | GRAZER | 35 | 86 | 10 | 3 | 0.28 | 15 | 15 | 15 | 8 | 30 | 50 | 550 | 0.694 | 13.742 | 2.87 | 5.71 | 5.71 | 5.71 | | PHEL | | NHEL |
| 739 | DOMENGINE | 40 | 48 | 20 | 3 | 0.32 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 3.20 | 7.50 | 7.50 | 7.50 | | PHEL | | NHEL |
| 739 | ROCK OUTCROP | 15 | -- | 20 | 0 | 0 | 10 | 10 | 10 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 739 | WISFLAT | 30 | 86 | 20 | 1 | 0.32 | 10 | 10 | 10 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 17.20 | 2.50 | 2.50 | 2.50 | | HEL | | HEL |
| 740 | DOMENGINE | 45 | 56 | 10 | 2 | 0.32 | 15 | 15 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 2.80 | 3.33 | 3.33 | 3.33 | | HEL | | NHEL |
| 740 | LILTEN | 25 | 56 | 10 | 2 | 0.32 | 15 | 15 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 2.80 | 3.33 | 3.33 | 3.33 | | HEL | | NHEL |
| 740 | ROCK OUTCROP | 15 | -- | 10 | 0 | 0 | 15 | 15 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 741 | ANELA | 50 | 48 | 5 | 3 | 0.17 | 45 | 45 | 45 | 0 | 2 | 50 | 300 | 0.060 | 0.279 | 0.80 | 3.14 | 3.14 | 3.14 | | NHEL | | NHEL |
| 741 | VERNALIS | 35 | 48 | 5 | 5 | 0.32 | 45 | 45 | 45 | 0 | 5 | 50 | 400 | 0.060 | 1.070 | 0.48 | 2.78 | 2.78 | 2.78 | | NHEL | | NHEL |
| 742 | LILTEN | 20 | 56 | 5 | 3 | 0.28 | 35 | 35 | 35 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 0.93 | 2.45 | 2.45 | 2.45 | | HEL | | NHEL |
| 742 | MILLSHOLM | 40 | 48 | 5 | 1 | 0.37 | 35 | 35 | 35 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 2.40 | 0.62 | 0.62 | 0.62 | | HEL | | NHEL |
| 742 | WISFLAT | 25 | 86 | 5 | 1 | 0.32 | 35 | 35 | 35 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 4.30 | 0.71 | 0.71 | 0.71 | | HEL | | NHEL |
| 743 | BORREGUERO | 35 | 86 | 5 | 2 | 0.24 | 45 | 45 | 45 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 2.15 | 1.48 | 1.48 | 1.48 | | HEL | | NHEL |
| 743 | MILLSHOLM | 50 | 48 | 5 | 1 | 0.37 | 45 | 45 | 45 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 2.40 | 0.48 | 0.48 | 0.48 | | HEL | | NHEL |
| 744 | LILTEN | 50 | 56 | 5 | 3 | 0.28 | 35 | 35 | 35 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 0.93 | 2.45 | 2.45 | 2.45 | | HEL | | NHEL |
| 744 | MILLSHOLM | 35 | 48 | 5 | 1 | 0.37 | 35 | 35 | 35 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 2.40 | 0.62 | 0.62 | 0.62 | | HEL | | NHEL |
| 745 | ARBURUA | 15 | 86 | 5 | 2 | 0.37 | 15 | 15 | 15 | 8 | 50 | 50 | 400 | 0.694 | 21.085 | 2.15 | 2.88 | 2.88 | 2.88 | | PHEL | | NHEL |
| 745 | GRAZER | 45 | 86 | 5 | 3 | 0.28 | 15 | 15 | 15 | 8 | 30 | 50 | 500 | 0.694 | 13.111 | 1.43 | 5.71 | 5.71 | 5.71 | | PHEL | | NHEL |
| 745 | WISFLAT | 25 | 86 | 5 | 1 | 0.32 | 15 | 15 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 4.30 | 1.67 | 1.67 | 1.67 | | HEL | | NHEL |
| 746 | ARBURUA | 20 | 86 | 20 | 2 | 0.37 | 10 | 15 | 35 | 50 | 65 | 50 | 250 | 7.393 | 21.251 | 8.60 | 4.32 | 2.88 | 1.24 | | HEL | | HEL |
| 746 | ROCK OUTCROP | 40 | -- | 20 | 0 | 0 | 10 | 15 | 35 | 50 | 65 | 50 | 250 | 7.393 | 21.251 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 746 | WISFLAT | 25 | 86 | 20 | 1 | 0.32 | 10 | 15 | 35 | 50 | 65 | 50 | 250 | 7.393 | 21.251 | 17.20 | 2.50 | 1.67 | 0.71 | | HEL | | HEL |

# Highly Erodible Map Unit List
## Soil Survey of Fresno County, Western Part, California (CA653)

| MUSYM | COMPNAME \1 | C PCT | WEI | C FACTOR | T | Kf | R FACTOR Low | R FACTOR Mean | R FACTOR High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI wind C*I/T | 8t/rk Low R | 8t/rk RV R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL Max R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 747 | ARBURUA | 20 | 86 | 10 | 2 | 0.37 | 35 | 35 | 35 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 4.30 | 1.24 | 1.24 | 1.24 | | HEL | | NHEL |
| 747 | GRAZER | 30 | 86 | 10 | 3 | 0.28 | 35 | 35 | 35 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.87 | 2.45 | 2.45 | 2.45 | | PHEL | | NHEL |
| 747 | LILTEN | 35 | 56 | 10 | 3 | 0.28 | 35 | 35 | 35 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 1.87 | 2.45 | 2.45 | 2.45 | | HEL | | NHEL |
| 748 | GRAZER | 20 | 86 | 10 | 3 | 0.28 | 50 | 50 | 50 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.87 | 1.71 | 1.71 | 1.71 | | PHEL | | NHEL |
| 748 | VAQUERO | 70 | 86 | 10 | 2 | 0.2 | 50 | 50 | 50 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 4.30 | 1.60 | 1.60 | 1.60 | | HEL | | NHEL |
| 749 | * EXCLOSE | 15 | 86 | 10 | 5 | 0.2 | 10 | 10 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 1.72 | 20.00 | 20.00 | 13.33 | | NHEL | PHEL | NHEL |
| 749 | GRAZER | 40 | 86 | 10 | 4 | 0.37 | 10 | 10 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 2.15 | 8.65 | 8.65 | 5.77 | | PHEL | | NHEL |
| 749 | WISFLAT | 30 | 86 | 10 | 1 | 0.32 | 10 | 10 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 8.60 | 2.50 | 2.50 | 1.67 | | HEL | | HEL |
| 750 | MONORIDGE | 35 | 86 | 10 | 3 | 0.2 | 15 | 15 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 2.87 | 8.00 | 8.00 | 8.00 | | PHEL | | NHEL |
| 750 | MONVERO | 50 | 86 | 10 | 5 | 0.2 | 15 | 15 | 15 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 1.72 | 13.33 | 13.33 | 13.33 | | NHEL | | NHEL |
| 752 | CYVAR | 45 | 86 | 20 | 1 | 0.37 | 10 | 10 | 15 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 17.20 | 2.16 | 2.16 | 1.44 | | PHEL | | HEL |
| 752 | * NODHILL | 35 | 86 | 20 | 3 | 0.37 | 10 | 10 | 15 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 5.73 | 6.49 | 6.49 | 4.32 | | NHEL | PHEL | NHEL |
| 753 | CYVAR | 30 | 86 | 20 | 1 | 0.37 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 17.20 | 2.16 | 2.16 | 2.16 | | PHEL | | HEL |
| 753 | NODHILL | 25 | 86 | 20 | 3 | 0.37 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 5.73 | 6.49 | 6.49 | 6.49 | | NHEL | | NHEL |
| 753 | PITS | 25 | -- | 20 | 0 | 0 | 10 | 10 | 10 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 755 | BORREGUERO | 30 | 56 | 10 | 1 | 0.28 | 15 | 15 | 15 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 5.60 | 1.90 | 1.90 | 1.90 | | HEL | | NHEL |
| 755 | GRAZER | 25 | 86 | 10 | 3 | 0.28 | 15 | 15 | 15 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 2.87 | 5.71 | 5.71 | 5.71 | | PHEL | | NHEL |
| 755 | ROCK OUTCROP | 20 | -- | 10 | 0 | 0 | 15 | 15 | 15 | 15 | 65 | 50 | 300 | 1.658 | 23.254 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 757 | BORREGUERO | 35 | 56 | 10 | 1 | 0.28 | 10 | 10 | 10 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 5.60 | 2.86 | 2.86 | 2.86 | | HEL | | NHEL |
| 757 | ROCK OUTCROP | 50 | -- | 10 | 0 | 0 | 10 | 10 | 10 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 758 | BORREGUERO | 30 | 86 | 10 | 2 | 0.24 | 15 | 25 | 45 | 50 | 65 | 50 | 250 | 7.393 | 21.251 | 4.30 | 4.44 | 2.67 | 1.48 | | HEL | | NHEL |
| 758 | ROCK OUTCROP | 25 | -- | 10 | 0 | 0 | 15 | 25 | 45 | 50 | 70 | 50 | 250 | 7.393 | 22.558 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 758 | WISFLAT | 35 | 86 | 10 | 1 | 0.32 | 15 | 25 | 45 | 50 | 70 | 50 | 250 | 7.393 | 22.558 | 8.60 | 1.67 | 1.00 | 0.56 | | HEL | | HEL |
| 761 | ATRAVESADA | 85 | 56 | 20 | 3 | 0.32 | 10 | 10 | 10 | 30 | 70 | 50 | 300 | 4.119 | 24.684 | 3.73 | 7.50 | 7.50 | 7.50 | | PHEL | | NHEL |
| 765 | ATRAVESADA | 50 | 86 | 5 | 1 | 0.28 | 45 | 45 | 45 | 2 | 30 | 50 | 600 | 0.162 | 14.386 | 4.30 | 0.63 | 0.63 | 0.63 | | PHEL | | NHEL |
| 765 | PITS | 25 | -- | 5 | 0 | 0 | 45 | 45 | 45 | 2 | 30 | 50 | 600 | 0.162 | 14.386 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 767 | ATRAVESADA | 50 | 86 | 5 | 1 | 0.28 | 45 | 45 | 45 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 4.30 | 0.63 | 0.63 | 0.63 | | HEL | | NHEL |
| 767 | PITS | 25 | -- | 5 | 0 | 0 | 45 | 45 | 45 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 769 | DUMPS | 55 | -- | 5 | 0 | 0 | 35 | 35 | 35 | 2 | 30 | 50 | 600 | 0.162 | 14.386 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 769 | PITS | 40 | -- | 5 | 0 | 0 | 35 | 35 | 35 | 2 | 30 | 50 | 600 | 0.162 | 14.386 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 770 | LILTEN | 20 | 56 | 5 | 3 | 0.28 | 5 | 5 | 5 | 30 | 40 | 50 | 300 | 4.119 | 14.304 | 0.93 | 17.14 | 17.14 | 17.14 | | NHEL | | NHEL |
| 770 | MILLSHOLM | 25 | 48 | 5 | 1 | 0.37 | 5 | 5 | 5 | 50 | 65 | 50 | 300 | 7.393 | 23.254 | 2.40 | 4.32 | 4.32 | 4.32 | | HEL | | NHEL |
| 770 | ROACHA | 40 | 86 | 5 | 2 | 0.32 | 5 | 5 | 5 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 2.15 | 10.00 | 10.00 | 10.00 | | PHEL | | NHEL |
| 773 | HENTINE | 60 | 48 | 5 | 1 | 0.32 | 45 | 45 | 45 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 2.40 | 0.56 | 0.56 | 0.56 | | HEL | | NHEL |

# Highly Erodible Map Unit List
## Soil Survey of Fresno County, Western Part, California (CA653)

| MUSYM | COMPNAME \1 | C PCT | WEI | C FACTOR | T | Kf | R FACTOR Low | R FACTOR Mean | R FACTOR High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI wind C*I/T | 8t/rk Low R | 8t/rk RV R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL Max R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 773 | ROCK OUTCROP | 25 | -- | 5 | 0 | 0 | 20 | 45 | 50 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 774 | FRANCISCAN | 15 | 56 | 5 | 2 | 0.24 | 45 | 45 | 45 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 1.40 | 1.48 | 1.48 | 1.48 | | HEL | | NHEL |
| 774 | HENTINE | 55 | 48 | 5 | 1 | 0.1 | 45 | 45 | 45 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | 2.40 | 1.78 | 1.78 | 1.78 | | HEL | | NHEL |
| 774 | ROCK OUTCROP | 15 | -- | 5 | 0 | 0 | 45 | 45 | 45 | 30 | 65 | 50 | 300 | 4.119 | 23.254 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 782 | ALTAMONT | 40 | 86 | 20 | 3 | 0.28 | 20 | 25 | 45 | 15 | 50 | 50 | 400 | 1.658 | 21.085 | 5.73 | 4.29 | 3.43 | 1.90 | | PHEL | | NHEL |
| 782 | VAQUERO | 45 | 86 | 20 | 3 | 0.2 | 20 | 25 | 45 | 15 | 50 | 50 | 400 | 1.658 | 21.085 | 5.73 | 6.00 | 4.80 | 2.67 | | PHEL | | NHEL |
| 783 | ALTAMONT | 40 | 86 | 20 | 3 | 0.28 | 20 | 25 | 25 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | 5.73 | 4.29 | 3.43 | 3.43 | | HEL | | NHEL |
| 783 | VAQUERO | 45 | 86 | 20 | 3 | 0.2 | 20 | 25 | 25 | 50 | 75 | 50 | 250 | 7.393 | 23.749 | 5.73 | 6.00 | 4.80 | 4.80 | | HEL | | NHEL |
| 817 | * ARBURUA | 88 | 86 | 10 | 2 | 0.37 | 10 | 15 | 25 | 2 | 8 | 100 | 600 | 0.200 | 2.425 | 4.30 | 4.32 | 2.88 | 1.73 | | NHEL | PHEL | NHEL |
| 818 | ARBURUA | 85 | 86 | 20 | 2 | 0.37 | 10 | 10 | 10 | 8 | 15 | 50 | 500 | 0.694 | 5.279 | 8.60 | 4.32 | 4.32 | 4.32 | | PHEL | | HEL |
| 819 | ARBURUA | 85 | 86 | 10 | 2 | 0.37 | 10 | 15 | 15 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 4.30 | 4.32 | 2.88 | 2.88 | | PHEL | | NHEL |
| 820 | ARBURUA | 85 | 86 | 20 | 2 | 0.37 | 10 | 10 | 10 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 8.60 | 4.32 | 4.32 | 4.32 | | PHEL | | HEL |
| 822 | ALTAMONT | 85 | 86 | 20 | 3 | 0.28 | 15 | 20 | 25 | 5 | 8 | 100 | 550 | 0.530 | 2.317 | 5.73 | 5.71 | 4.29 | 3.43 | | NHEL | | NHEL |
| 823 | AYAR | 85 | 86 | 20 | 4 | 0.28 | 10 | 10 | 10 | 5 | 8 | 100 | 550 | 0.530 | 2.317 | 4.30 | 11.43 | 11.43 | 11.43 | | NHEL | | NHEL |
| 827 | ARBURUA | 35 | 86 | 20 | 2 | 0.37 | 10 | 10 | 10 | 8 | 15 | 50 | 500 | 0.694 | 5.279 | 8.60 | 4.32 | 4.32 | 4.32 | | PHEL | | HEL |
| 827 | AYAR | 50 | 86 | 20 | 4 | 0.28 | 10 | 10 | 10 | 8 | 15 | 50 | 500 | 0.694 | 5.279 | 4.30 | 11.43 | 11.43 | 11.43 | | NHEL | | NHEL |
| 834 | BAPOS | 75 | 48 | 10 | 3 | 0.32 | 10 | 20 | 30 | 2 | 8 | 100 | 600 | 0.200 | 2.425 | 1.60 | 7.50 | 3.75 | 2.50 | | NHEL | | NHEL |
| 835 | PEDCAT | 85 | 86 | 10 | 2 | 0.43 | 10 | 15 | 25 | 0 | 2 | 100 | 800 | 0.069 | 0.374 | 4.30 | 3.72 | 2.48 | 1.49 | | NHEL | | NHEL |
| 842 | MILLSHOLM | 30 | 48 | 5 | 1 | 0.37 | 20 | 25 | 30 | 40 | 75 | 50 | 300 | 5.807 | 25.988 | 2.40 | 1.08 | 0.86 | 0.72 | | HEL | | NHEL |
| 842 | QUINTO | 35 | 56 | 5 | 1 | 0.24 | 20 | 25 | 30 | 40 | 75 | 50 | 300 | 5.807 | 25.988 | 2.80 | 1.67 | 1.33 | 1.11 | | HEL | | NHEL |
| 842 | ROCK OUTCROP | 20 | -- | 5 | 0 | 0 | 20 | 25 | 30 | 40 | 75 | 50 | 300 | 5.807 | 25.988 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 847 | CARRANZA | 85 | 56 | 20 | 4 | 0.2 | 15 | 20 | 30 | 2 | 8 | 100 | 600 | 0.200 | 2.425 | 2.80 | 10.67 | 8.00 | 5.33 | | NHEL | | NHEL |
| 849 | CHAQUA | 85 | 86 | 10 | 4 | 0.32 | 15 | 15 | 15 | 2 | 8 | 100 | 600 | 0.200 | 2.425 | 2.15 | 6.67 | 6.67 | 6.67 | | NHEL | | NHEL |
| 851 | LOS BANOS | 85 | 48 | 40 | 4 | 0.32 | 10 | 10 | 10 | 0 | 2 | 200 | 600 | 0.080 | 0.344 | 4.80 | 10.00 | 10.00 | 10.00 | | NHEL | | NHEL |
| 852 | LOS BANOS | 85 | 48 | 20 | 4 | 0.32 | 10 | 10 | 10 | 2 | 8 | 100 | 600 | 0.200 | 2.425 | 2.40 | 10.00 | 10.00 | 10.00 | | NHEL | | NHEL |
| 853 | LOS BANOS | 55 | 48 | 40 | 4 | 0.32 | 10 | 10 | 15 | 2 | 8 | 100 | 600 | 0.200 | 2.425 | 4.80 | 10.00 | 10.00 | 6.67 | | NHEL | | NHEL |
| 853 | PLEITO | 30 | 38 | 40 | 4 | 0.32 | 10 | 10 | 15 | 2 | 8 | 100 | 600 | 0.200 | 2.425 | 3.80 | 10.00 | 10.00 | 6.67 | | NHEL | | NHEL |
| 855 | PLEITO | 85 | 38 | 20 | 4 | 0.32 | 10 | 10 | 10 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 1.90 | 10.00 | 10.00 | 10.00 | | PHEL | | NHEL |
| 863 | VERNALIS | 85 | 48 | 20 | 5 | 0.32 | 10 | 20 | 30 | 0 | 2 | 100 | 800 | 0.069 | 0.374 | 1.92 | 12.50 | 6.25 | 4.17 | | NHEL | | NHEL |
| 865 | CONOSTA | 85 | 48 | 10 | 2 | 0.28 | 15 | 15 | 20 | 2 | 8 | 100 | 600 | 0.200 | 2.425 | 2.40 | 3.81 | 3.81 | 2.86 | | NHEL | | NHEL |
| 870 | ARBURUA | 20 | 86 | 20 | 2 | 0.37 | 15 | 15 | 15 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 8.60 | 2.88 | 2.88 | 2.88 | | PHEL | | HEL |
| 870 | ROCK OUTCROP | 30 | -- | 20 | 0 | 0 | 15 | 15 | 15 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 870 | WISFLAT | 35 | 86 | 20 | 1 | 0.32 | 15 | 15 | 15 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 17.20 | 1.67 | 1.67 | 1.67 | | PHEL | | HEL |
| 871 | * ARBURUA | 20 | 86 | 20 | 2 | 0.37 | 10 | 10 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 8.60 | 4.32 | 4.32 | 2.88 | | PHEL | HEL | HEL |

# Highly Erodible Map Unit List
## Soil Survey of Fresno County, Western Part, California (CA653)

| MUSYM | COMPNAME \1 | C PCT | WEI | C FACTOR | T | Kf | R FACTOR Low | R FACTOR Mean | R FACTOR High | SLOPE MIN | SLOPE MAX | SLOPE LENGTH MIN | SLOPE LENGTH MAX | LS MIN | LS MAX | EI wind C*I/T | 8t/rk Low R | 8t/rk RV R | 8t/rk High R | Water HEL Low R \2 | Water HEL Mean R | Water HEL Max R \3 | Wind HEL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 871 | ROCK OUTCROP | 30 | -- | 20 | 0 | 0 | 10 | 10 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 871 | WISFLAT | 35 | 86 | 20 | 1 | 0.32 | 10 | 10 | 15 | 30 | 50 | 50 | 300 | 4.119 | 18.210 | 17.20 | 2.50 | 2.50 | 1.67 | | HEL | | HEL |
| 872 | VERNALIS | 90 | 48 | 10 | 5 | 0.32 | 10 | 15 | 20 | 2 | 5 | 100 | 600 | 0.200 | 1.310 | 0.96 | 12.50 | 8.33 | 6.25 | | NHEL | | NHEL |
| 873 | NARBAITZ | 60 | 56 | 10 | 3 | 0.32 | 15 | 20 | 25 | 5 | 15 | 50 | 550 | 0.375 | 5.533 | 1.87 | 5.00 | 3.75 | 3.00 | | PHEL | | NHEL |
| 873 | PLEITO | 30 | 38 | 10 | 4 | 0.32 | 15 | 20 | 25 | 15 | 30 | 50 | 400 | 1.658 | 11.746 | 0.95 | 6.67 | 5.00 | 4.00 | | PHEL | | NHEL |
| 940 | MILHAM | 40 | 86 | 50 | 5 | 0 | 10 | 10 | 20 | 0 | 5 | 100 | 800 | 0.069 | 1.510 | 8.60 | ---- | ---- | ---- | | ---- | | HEL |
| 940 | POLVADERO | 40 | 86 | 50 | 5 | 0 | 10 | 10 | 20 | 0 | 5 | 100 | 800 | 0.069 | 1.510 | 8.60 | ---- | ---- | ---- | | ---- | | HEL |
| 941 | BISGANI | 45 | 134 | 50 | 5 | 0.2 | 10 | 10 | 10 | 0 | 1 | 100 | 800 | 0.069 | 0.240 | 13.40 | 20.00 | 20.00 | 20.00 | | NHEL | | HEL |
| 941 | ELNIDO | 40 | 86 | 50 | 4 | 0.24 | 10 | 10 | 10 | 0 | 1 | 100 | 800 | 0.069 | 0.240 | 10.75 | 13.33 | 13.33 | 13.33 | | NHEL | | HEL |
| 950 | PITS | 85 | -- | 20 | 0 | 0 | 10 | 10 | 15 | 0 | 5 | 100 | 800 | 0.069 | 1.510 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 960 | EXCELSIOR | 50 | 86 | 50 | 4 | 0.28 | 10 | 10 | 15 | 0 | 2 | 100 | 800 | 0.069 | 0.374 | 10.75 | 11.43 | 11.43 | 7.62 | | NHEL | | HEL |
| 960 | WESTHAVEN | 30 | 48 | 50 | 5 | 0.37 | 10 | 10 | 15 | 0 | 2 | 100 | 800 | 0.069 | 0.374 | 4.80 | 10.81 | 10.81 | 7.21 | | NHEL | | NHEL |
| 980 | URBANLAND | 97 | -- | 50 | 0 | 0 | 10 | 10 | 10 | 0 | 2 | 200 | 800 | 0.080 | 0.374 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 981 | SEWAGE DISPOSAL PON | 100 | -- | 50 | 0 | 0 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0.000 | 0.000 | ---- | ---- | ---- | ---- | | ---- | | ---- |
| 982 | WATER | 100 | -- | 50 | 0 | 0 | 10 | 10 | 15 | 0 | 0 | 0 | 0 | 0.000 | 0.000 | ---- | ---- | ---- | ---- | | ---- | | ---- |

\1 An asterisk to the left of the component name means that there is more the one HEL stutus for this compnent because of multiple possible R factors. Check the location to see which R factor applies.

\2 A value in this column means that due to multiple possible R factors there is a HEL rating possible that is less severe than the average value. Check the location to see which R factor should be used.

\3 A value in this column means that due to multiple possible R factors there is a HEL rating possible that is more severe than the average value. Check the location to see which R factor should be used.