## SIGNAL BUTTE FRS

**DAM DRAWDOWN ESTIMATE**

**STORAGE AT SPILLWAY = 1651.0 ACRE-FEET ZERO GH= 1687.54 FEET NAVD88**

**RATING TABLE ASSUMES: (1) NO INFLOW (2) NO CLOGGING OF PRINCIPAL OUTLET (3) PRINCIPAL OUTLET IS OPEN**

| | Time (days) | Time (hours) | Elevation (feet, GH) | Elevation (feet, NAVD88) | Vol (acre-ft) | Vol (cu. Ft.) | Q cu. Ft. / s | Q cu ft / hr | Inc Vol | Pct Full | Fall (feet) | Interval (hrs) | RoF (ft/hr) | RoF (ft/30min) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 672 | 0.00 | 0 | 26.90 | 1714.44 | 1651.0 | 71917560 | 175 | 630000 | | 100.0 | | | | |
| 624 | 2.00 | 48 | 21.17 | 1708.71 | 956.8 | 41677560 | 156 | 561600 | 30240000 | 58.0 | 5.73 | 48 | 0.119 | 0.06 |
| 600 | 3.00 | 72 | 17.72 | 1705.26 | 647.4 | 28199160 | 120 | 432000 | 13478400 | 39.2 | 3.45 | 24 | 0.144 | 0.07 |
| 582 | 3.75 | 90 | 15.40 | 1702.94 | 468.9 | 20423160 | 11 | 39600 | 7776000 | 28.4 | 2.32 | 18 | 0.129 | 0.06 |
| 528 | 6.00 | 144 | 14.70 | 1702.24 | 419.8 | 18284760 | 10.8 | 38880 | 2138400 | 25.4 | 0.70 | 54 | 0.013 | 0.01 |
| 384 | 12.00 | 288 | 12.70 | 1700.24 | 291.2 | 12686040 | 10.5 | 37800 | 5598720 | 17.6 | 2.00 | 144 | 0.014 | 0.01 |
| 240 | 18.00 | 432 | 10.10 | 1697.64 | 166.3 | 7242840 | 9 | 32400 | 5443200 | 10.1 | 2.60 | 144 | 0.018 | 0.01 |
| 96 | 24.00 | 576 | 6.68 | 1694.22 | 59.2 | 2577240 | 8 | 28800 | 4665600 | 3.6 | 3.42 | 144 | 0.024 | 0.01 |
| 48 | 26.00 | 624 | 4.80 | 1692.34 | 27.4 | 1194840 | 8 | 28800 | 1382400 | 1.7 | 1.88 | 48 | 0.039 | 0.02 |
| 24 | 27.00 | 648 | 3.40 | 1690.94 | 11.6 | 503640 | 7 | 25200 | 691200 | 0.7 | 1.40 | 24 | 0.058 | 0.03 |
| 12 | 27.50 | 660 | 2.50 | 1690.04 | 4.6 | 201240 | 7 | 25200 | 302400 | 0.3 | 0.90 | 12 | 0.075 | 0.04 |
| 6 | 27.75 | 666 | 1.68 | 1689.22 | 1.1 | 50040 | 6 | 21600 | 151200 | 0.1 | 0.82 | 6 | 0.137 | 0.07 |
| 0 | 28.00 | 672 | 0.00 | 1687.54 | 0.0 | 0 | 0 | 0 | 129600 | 0.0 | 1.68 | 6 | 0.280 | 0.14 |