

| name | min | fldmean | max | unit | description |
|----------|------------|-----------|-----------|-------|---|
| prlr | 0.0000 | 3.2552 | 269.7509 | mm/d | precip large scale rain |
| prls | 0.0000 | 0.1916 | 116.8330 | mm/d | precip large scale snow |
| aprl | 0.0000 | 3.4468 | 269.7509 | mm/d | large scale precipitation |
| pr | 0.0000 | 3.4468 | 269.7509 | mm/d | total precipitation |
| evspsbl | -31.3276 | -3.4848 | 41.4208 | mm/d | evaporation |
| P_E | -22.5140 | -0.0380 | 271.3462 | mm/d | precipitation-evaporation |
| sic | 0.0000 | 4.6936 | 100.0000 | % | ice cover (fraction of grid box) |
| hfss | -1140.0957 | -25.9505 | 1458.6207 | W/m2 | sensible heat flux |
| hfls | -1027.6521 | -100.8873 | 1342.2740 | W/m2 | latent heat flux |
| prw | 0.1431 | 27.1294 | 68.8449 | kg/m2 | vertically integrated water vapor |
| cllvi | 0.0000 | 103.4623 | 1886.6071 | g/m2 | vertically integrated cloud water |
| clivi | 0.0000 | 9.3889 | 175.6463 | g/m2 | vertically integrated cloud ice |
| psl | -26.4494 | 10.8892 | 29.6737 | hPa | mean sea level pressure |
| clt | 0.0000 | 66.8288 | 100.0000 | % | total cloud cover |
| ts | -74.1562 | 16.9398 | 44.4916 | C | surface temperature |
| tas | -68.1130 | 16.8008 | 43.9368 | C | 2 m temperature |
| rsns | 0.0000 | 151.3185 | 318.8493 | W/m2 | net surface SW radiation |
| rsds | 0.0000 | 174.2775 | 410.2486 | W/m2 | SW down surface |
| rsus | 0.0000 | 22.9590 | 326.5996 | W/m2 | SW up surface |
| rlns | -152.1081 | -48.2013 | 47.7881 | W/m2 | net surface LW radiation |
| rls | 73.4509 | 359.3101 | 474.9190 | W/m2 | LW down surface |
| rlus | 88.9605 | 407.5115 | 578.2833 | W/m2 | LW up surface |
| net_flux | -1699.6227 | -23.7206 | 2892.8818 | W/m2 | surface net energy flux |
| rsnt | 0.0000 | 229.5674 | 414.7542 | W/m2 | net top SW radiation |
| rlnt | -337.2993 | -244.7295 | -99.2927 | W/m2 | net top LW radiation (-OLR) |
| rsdt | 0.0000 | 329.4010 | 471.9671 | W/m2 | top incoming SW radiation |
| rsut | 0.0000 | 99.8335 | 311.9254 | W/m2 | TOA Outgoing SW Radiation |
| sclf0 | -233.5922 | -49.0863 | 2.1488 | W/m2 | TOA net SW cloud effect |
| tauu | -4069.3049 | 9.6627 | 6830.7661 | mN/m2 | u-stress |
| tauv | -6411.3340 | 12.8276 | 3510.0151 | mN/m2 | v-stress |
| sfcwind | 0.0289 | 6.4438 | 39.2082 | m/s | 10m Wind Speed |
| sit | 0.0000 | 0.0495 | 7.8684 | m | ice thickness |
| qgvi | 0.0000 | 0.0132 | 0.9319 | kg/m2 | total_graupel vertically integrated graupel |
| qrvi | 0.0000 | 0.0196 | 1.0396 | kg/m2 | total_rain vertically integrated r |
| qsvi | 0.0000 | 0.0497 | 1.5830 | kg/m2 | total_snow vertically integrated s |