| name | min | fldmean | max | unit | description |
|---|---|---|---|---|---|
| prlr | 0.0000 | 2.9364 | 172.3413 | mm/d | precip large scale rain |
| pr | 0.0000 | 3.2145 | 172.3413 | mm/d | total precipitation |
| evspsbl | -12.2345 | -3.2330 | 2.2952 | mm/d | evaporation |
| P_E | -12.0930 | -0.0185 | 170.8946 | mm/d | precipitation-evaporation |
| sic | 0.0000 | 5.0221 | 100.0000 | % | ice cover (fraction of grid box) |
| hfss | -755.5392 | -26.3118 | 381.5782 | W/m2 | sensible heat flux |
| hfls | -410.9005 | -93.7145 | 74.4202 | W/m2 | latent heat flux |
| prw | 0.1209 | 19.0328 | 47.2561 | kg/m2 | vertically integrated water vapor |
| cllvi | 0.0000 | 106.0294 | 1361.2653 | g/m2 | vertically integrated cloud water |
| clivi | 0.0000 | 10.2184 | 115.1395 | g/m2 | vertically integrated cloud ice |
| psl | -28.6093 | 11.1975 | 24.9338 | hPa | mean sea level pressure |
| clt | 0.0000 | 71.8081 | 100.0000 | % | total cloud cover |
| ts | -77.5027 | 13.6511 | 37.2000 | C | surface temperature |
| tas | -71.3580 | 12.6793 | 35.5356 | C | 2 m temperature |
| rsns | 0.0000 | 157.0507 | 331.8434 | W/m2 | net surface SW radiation |
| rsds | 0.0000 | 186.0434 | 408.4104 | W/m2 | SW down surface |
| rsus | 0.0000 | 28.9926 | 325.2089 | W/m2 | SW up  surface |
| rlns | -152.3284 | -52.3127 | 4.7097 | W/m2 | net surface LW radiation |
| rlds | 62.8565 | 337.3230 | 432.3119 | W/m2 | LW down surface |
| rlus | 83.0280 | 389.6357 | 527.4103 | W/m2 | LW up surface |
| net_flux | -1126.9041 | -15.2883 | 390.2159 | W/m2 | surface net energy flux |
| rsnt | 0.0000 | 231.3703 | 410.4587 | W/m2 | net top SW radiation |
| rlnt | -319.5409 | -238.4073 | -94.0730 | W/m2 | net top LW radiation  (-OLR) |
| rsdt | 0.0000 | 332.7651 | 462.6716 | W/m2 | top incoming SW radiation |
| rsut | 0.0000 | 101.3948 | 311.0110 | W/m2 | TOA Outgoing SW Radiation |
| sclf0 | -209.8289 | -45.2661 | 5.6904 | W/m2 | TOA net SW cloud effect |
| tauu | -3001.3071 | 12.7333 | 2100.0771 | mN/m2 | u-stress |
| tauv | -2851.7456 | 6.0218 | 1642.7684 | mN/m2 | v-stress |
| sfcwind | 0.0354 | 5.9838 | 23.9002 | m/s | 10m Wind Speed |
| sit | 0.0000 | 0.0942 | 11.6477 | m | ice thickness |
| qgvi | 0.0000 | 0.0145 | 1.4203 | kg/m2 | total_graupel vertically integrated graupel |
| qrvi | 0.0000 | 0.0146 | 0.4881 | kg/m2 | total_rain  vertically integrated r |
| qsvi | 0.0000 | 0.0557 | 1.1731 | kg/m2 | total_snow  vertically integrated s |