| name | min | fldmean | max | unit | description |
|---|---|---|---|---|---|
| prlr | 0.0000 | 3.2092 | 70.0259 | mm/d | precip large scale rain |
| pr | 0.0000 | 3.4004 | 70.0259 | mm/d | total precipitation |
| evspsbl | -16.3982 | -3.3461 | 7.9756 | mm/d | evaporation |
| P_E | -16.3982 | 0.0544 | 64.6713 | mm/d | precipitation-evaporation |
| sic | 0.0000 | 3.9134 | 99.9994 | % | ice cover (fraction of grid box) |
| hfss | -562.8322 | -18.3896 | 225.8377 | W/m2 | sensible heat flux |
| hfls | -474.6375 | -96.8664 | 230.8490 | W/m2 | latent heat flux |
| prw | 0.1237 | 30.0571 | 76.6074 | kg/m2 | vertically integrated water vapor |
| cllvi | 0.0000 | 81.7642 | 1069.0240 | g/m2 | vertically integrated cloud water |
| clivi | 0.0000 | 11.4049 | 369.9603 | g/m2 | vertically integrated cloud ice |
| psl | -28.5831 | 10.9028 | 28.6399 | hPa | mean sea level pressure |
| clt | 0.0000 | 59.4248 | 100.0000 | % | total cloud cover |
| ts | -75.9554 | 17.3276 | 46.6489 | C | surface temperature |
| tas | -69.5086 | 16.7440 | 43.4686 | C | 2 m temperature |
| rsns | 0.0000 | 165.8048 | 292.0812 | W/m2 | net surface SW radiation |
| rsds | 0.0000 | 188.9354 | 359.5769 | W/m2 | SW down surface |
| rsus | 0.0000 | 23.1306 | 249.5096 | W/m2 | SW up  surface |
| rlns | -154.3268 | -51.8342 | 27.2680 | W/m2 | net surface LW radiation |
| rlds | 62.4748 | 358.6770 | 482.8428 | W/m2 | LW down surface |
| rlus | 85.7389 | 410.5112 | 594.4953 | W/m2 | LW up surface |
| net_flux | -911.0809 | -1.2853 | 632.5197 | W/m2 | surface net energy flux |
| rsnt | 0.0000 | 244.7861 | 392.5979 | W/m2 | net top SW radiation |
| rlnt | -350.3232 | -245.8746 | -94.8975 | W/m2 | net top LW radiation  (-OLR) |
| rsdt | 0.0000 | 331.9143 | 440.1257 | W/m2 | top incoming SW radiation |
| rsut | 0.0000 | 87.1283 | 270.6150 | W/m2 | TOA Outgoing SW Radiation |
| sclf0 | -203.7088 | -37.7059 | 0.0000 | W/m2 | TOA net SW cloud effect |
| tauu | -6608.0767 | 15.7319 | 7294.9380 | mN/m2 | u-stress |
| tauv | -3569.7222 | 12.9609 | 2729.2310 | mN/m2 | v-stress |
| sfcwind | 0.2250 | 6.4527 | 25.7041 | m/s | 10m Wind Speed |
| sit | 0.0000 | 0.0426 | 11.1980 | m | ice thickness |
| qgvi | 0.0000 | 0.0126 | 0.4774 | kg/m2 | total_graupel vertically integrated graupel |
| qrvi | 0.0000 | 0.0231 | 0.4609 | kg/m2 | total_rain  vertically integrated r |
| qsvi | 0.0000 | 0.0760 | 1.4905 | kg/m2 | total_snow  vertically integrated s |