

| name     | min        | fldmean   | max        | unit  | description                                 |
|----------|------------|-----------|------------|-------|---|
| prlr     | 0.0000     | 2.9474    | 196.7748   | mm/d  | precip large scale rain                     |
| prls     | 0.0000     | 0.2012    | 69.2915    | mm/d  | precip large scale snow                     |
| aprl     | 0.0000     | 3.1486    | 196.8224   | mm/d  | large scale precipitation                   |
| pr       | 0.0000     | 3.1486    | 196.8224   | mm/d  | total precipitation                         |
| evspsbl  | -18.2675   | -3.1625   | 8.3944     | mm/d  | evaporation                                 |
| P_E      | -18.2675   | -0.0138   | 195.5190   | mm/d  | precipitation-evaporation                   |
| sic      | 0.0000     | 3.2488    | 100.0000   | %     | ice cover (fraction of grid box)            |
| hfss     | -1168.6614 | -29.9301  | 749.5926   | W/m2  | sensible heat flux                          |
| hfls     | -586.8560  | -91.5970  | 275.3930   | W/m2  | latent heat flux                            |
| prw      | 0.1149     | 23.5133   | 62.5320    | kg/m2 | vertically integrated water vapor           |
| cllvi    | 0.0000     | 87.5622   | 1680.2582  | g/m2  | vertically integrated cloud water           |
| clivi    | 0.0000     | 9.7877    | 98.3395    | g/m2  | vertically integrated cloud ice             |
| psl      | -29.2219   | 11.0215   | 27.8724    | hPa   | mean sea level pressure                     |
| clt      | 0.0000     | 65.1714   | 100.0000   | %     | total cloud cover                           |
| ts       | -77.8065   | 15.9000   | 40.8634    | C     | surface temperature                         |
| tas      | -72.0411   | 15.3596   | 38.4883    | C     | 2 m temperature                             |
| rsns     | 0.0000     | 155.4891  | 330.7910   | W/m2  | net surface SW radiation                    |
| rsds     | 0.0000     | 180.3407  | 415.6666   | W/m2  | SW down surface                             |
| rsus     | 0.0000     | 24.8516   | 332.6382   | W/m2  | SW up surface                               |
| rlns     | -158.2489  | -51.6958  | 16.1519    | W/m2  | net surface LW radiation                    |
| rls      | 65.4657    | 349.6374  | 454.4435   | W/m2  | LW down surface                             |
| rlus     | 82.5344    | 401.3331  | 554.0370   | W/m2  | LW up surface                               |
| net_flux | -1674.7401 | -17.7338  | 863.4829   | W/m2  | surface net energy flux                     |
| rsnt     | 0.0000     | 231.5106  | 419.2127   | W/m2  | net top SW radiation                        |
| rlnt     | -339.3910  | -242.3217 | -92.8297   | W/m2  | net top LW radiation (-OLR)                 |
| rsdt     | 0.0000     | 329.7777  | 516.6704   | W/m2  | top incoming SW radiation                   |
| rsut     | 0.0000     | 98.2671   | 339.6332   | W/m2  | TOA Outgoing SW Radiation                   |
| sclf0    | -243.1845  | -46.1634  | 2.7321     | W/m2  | TOA net SW cloud effect                     |
| tauu     | -2952.2791 | 7.7813    | 12960.7100 | mN/m2 | u-stress                                    |
| tauv     | -5088.0376 | 6.4285    | 10384.7832 | mN/m2 | v-stress                                    |
| sfcwind  | 0.0231     | 6.0722    | 23.3611    | m/s   | 10m Wind Speed                              |
| sit      | 0.0000     | 0.0356    | 3.5000     | m     | ice thickness                               |
| qgvi     | 0.0000     | 0.0139    | 0.9374     | kg/m2 | total_graupel vertically integrated graupel |
| qrvi     | 0.0000     | 0.0169    | 0.8991     | kg/m2 | total_rain vertically integrated r          |
| qsvi     | 0.0000     | 0.0502    | 0.8453     | kg/m2 | total_snow vertically integrated s          |