

| name     | min        | fldmean   | max       | unit  | description                                 |
|----------|------------|-----------|-----------|-------|---|
| prlr     | 0.0000     | 2.8205    | 223.6956  | mm/d  | precip large scale rain                     |
| prls     | 0.0000     | 0.2720    | 115.8371  | mm/d  | precip large scale snow                     |
| apr1     | 0.0000     | 3.0925    | 223.6956  | mm/d  | large scale precipitation                   |
| pr       | 0.0000     | 3.0925    | 223.6956  | mm/d  | total precipitation                         |
| evspsbl  | -41.9172   | -3.0727   | 22.5403   | mm/d  | evaporation                                 |
| P_E      | -23.0349   | 0.0198    | 223.9340  | mm/d  | precipitation-evaporation                   |
| sic      | 0.0000     | 4.4723    | 100.0000  | %     | ice cover (fraction of grid box)            |
| hfss     | -706.1550  | -21.3972  | 1428.2623 | W/m2  | sensible heat flux                          |
| hfls     | -1373.9434 | -89.0474  | 725.2557  | W/m2  | latent heat flux                            |
| prw      | 0.1903     | 20.7831   | 51.8343   | kg/m2 | vertically integrated water vapor           |
| c1lvi    | 0.0000     | 85.5629   | 1337.8464 | g/m2  | vertically integrated cloud water           |
| clivi    | 0.0000     | 9.9885    | 140.4420  | g/m2  | vertically integrated cloud ice             |
| psl      | -31.9396   | 11.5016   | 39.4922   | hPa   | mean sea level pressure                     |
| clt      | 0.0833     | 67.5168   | 100.0000  | %     | total cloud cover                           |
| ts       | -49.1393   | 12.6341   | 32.7549   | C     | surface temperature                         |
| tas      | -47.4818   | 12.1476   | 32.6774   | C     | 2 m temperature                             |
| rsns     | 0.0000     | 161.4648  | 344.4792  | W/m2  | net surface SW radiation                    |
| rsds     | 0.0000     | 193.0681  | 427.2847  | W/m2  | SW down surface                             |
| rsus     | 0.0000     | 31.6033   | 321.8932  | W/m2  | SW up surface                               |
| rlns     | -175.1809  | -52.2277  | 15.1588   | W/m2  | net surface LW radiation                    |
| rlds     | 76.7192    | 332.4979  | 433.3523  | W/m2  | LW down surface                             |
| rlus     | 143.3111   | 384.7256  | 499.0984  | W/m2  | LW up surface                               |
| net_flux | -904.3412  | -1.2075   | 1774.2239 | W/m2  | surface net energy flux                     |
| rsnt     | 0.0000     | 236.6169  | 422.8295  | W/m2  | net top SW radiation                        |
| rlnt     | -310.0836  | -235.8499 | -135.1928 | W/m2  | net top LW radiation (-OLR)                 |
| rsdt     | 0.0000     | 347.7670  | 481.3864  | W/m2  | top incoming SW radiation                   |
| rsut     | 0.0000     | 111.1502  | 328.6064  | W/m2  | TOA Outgoing SW Radiation                   |
| sclf0    | -231.0556  | -51.6410  | 1.2845    | W/m2  | TOA net SW cloud effect                     |
| tauu     | -3751.8005 | 11.5108   | 9553.5029 | mN/m2 | u-stress                                    |
| tauv     | -4068.9448 | -2.7776   | 3468.0884 | mN/m2 | v-stress                                    |
| sfcwind  | 0.0337     | 6.1756    | 29.9469   | m/s   | 10m Wind Speed                              |
| sit      | 0.0000     | 0.0426    | 3.5000    | m     | ice thickness                               |
| qgvi     | 0.0000     | 0.0124    | 1.0819    | kg/m2 | total_graupel vertically integrated graupel |
| qrvi     | 0.0000     | 0.0155    | 0.6582    | kg/m2 | total_rain vertically integrated r          |
| qsxi     | 0.0000     | 0.0507    | 1.4745    | kg/m2 | total_snow vertically integrated s          |