

[범례]

제공하지 않음
 모델 변수
 유도 변수(수평단면 자료조회에서만 제공)
 위·경도(수평단면 자료조회에서만 제공)

① 한국형 수치예보모델 등압면 자료(prs.*)

| 변수번호 | 변수명 | 설명 | 단위 | 층(level) |
|------|------|--|--------------|-----------|
| 0 | time | time(day) | - | - |
| 1 | lons | longitude(longitude) | degree_east | - |
| 2 | lats | latitude(latitude) | degree_north | - |
| 3 | levs | air_pressure(pressure levels) | hPa | - |
| 4 | u | eastward_wind(zonal wind) | m/s | 30(levs*) |
| 5 | v | northward_wind(meridional wind) | m/s | 30(levs*) |
| 6 | w | upward_air_velocity(vertical wind) | m/s | 30(levs*) |
| 7 | T | air_temperature(air temperature) | K | 30(levs*) |
| 8 | q | specific_humidity(specific_humidity) | kg/kg | 30(levs*) |
| 9 | rh | relative_humidity(relative_humidity) | 1 | 30(levs*) |
| 10 | hgt | geopotential_height(geopotential_height) | m | 30(levs*) |
| 11 | qc | mass_fraction_of_cloud_liquid_water_in_air(cloud liquid water content) | kg/kg | 30(levs*) |
| 12 | qi | mass_fraction_of_cloud_ice_in_air(cloud ice content) | kg/kg | 30(levs*) |
| 1000 | wd | wind direction | degree | |
| 1001 | ws | wind speed | m/s | |
| 1002 | th | thickness | m | |
| 1003 | td | dew point temperature | K | |
| 1004 | ttd | difference between temperature and dew point temperature(T - Td) | K | |
| 1005 | mr | mixing ratio | 1 | |
| 1006 | pt | potential temperature | K | |
| 1 | lons | longitude(longitude) | degree_east | - |
| 2 | lats | latitude(latitude) | degree_north | - |

* levs(hpa) : 1000, 975, 950, 925, 900, 850, 800, 750, 700, 650, 600, 550, 500, 450, 400, 350, 300, 250, 200, 150, 100, 70, 50, 30, 20, 10, 7, 5, 3, 1

② 한국형 수치예보모델 단일(지상)면 자료(sfc.*)

| varid | 변수명 | 설명 | 단위 | 층(level) |
|-------|----------------|--|--------------|---------------|
| 0 | lons | longitude(longitude) | degree_east | - |
| 1 | lats | latitude(latitude) | degree_north | - |
| 2 | levs | atmosphere_hybrid_sigma_pressure_coordinate(hybrid coefficient at model) | level | - |
| 3 | hyam | hybrid A coefficient at model | - | - |
| 4 | hybm | hybrid B coefficient at model | - | - |
| 5 | ilevs | atmosphere_hybrid_sigma_pressure_coordinate(hybrid coefficient at interface) | - | - |
| 6 | hyai | hybrid A coefficient at interface | - | - |
| 7 | hybi | hybrid B coefficient at interface | - | - |
| 8 | height_10m | 10m height | m | |
| 9 | height_2m | 2m height | m | |
| 10 | soil_levs | oil layer mid-point depth | m | |
| 11 | soil_levs_bnds | soil_levs_bnds | - | |
| 12 | time | | h | |
| 13 | time_ini | | h | |
| 14 | time_bnds | | | |
| 15 | time_ini_bnds | | | |
| 16 | slmsk | land_binary_mask(0:sea, 1:land, 2:sice mask) | - | |
| 17 | seaice | sea_ice_area_fraction(seaice area fraction) | - | - |
| 18 | topo | surface_altitude(topography) | m | - |
| 19 | ps | surface_air_pressure(surface pressure) | Pa | - |
| 20 | sst | sea_surface_temperature(sea surface temperature) | K | - |
| 21 | tsfc | surface_temperature(surface temperature) | K | - |
| 22 | u10m | eastward_wind(10m zonal wind) | m/s | 1(height_10m) |
| 23 | v10m | northward_wind(10m meridional wind) | m/s | 1(height_10m) |
| 24 | gust | wind_speed_of_gust(max wind speed) | m/s | 1(height_10m) |
| 25 | t2m | air_temperature(2m temperature) | K | 1(height_2m) |
| 26 | rh2m | relative_humidity(2m relative humidity) | - | 1(height_2m) |
| 27 | q2m | specific_humidity(2m specific_humidity) | kg/kg | 1(height_2m) |
| 28 | qv2m | mixing_ratio(2m mixing_ratio) | kg/kg | 1(height_2m) |
| 29 | td2m | dew_point_temperature(dew point temperature) | K | 1(height_2m) |
| 30 | pr | precipitation_flux(precipitation flux) | kg/m2/s | - |
| 31 | precl | stratiform_precipitation_amount(large scale precipitaton amount) | kg/m2 | - |
| 32 | precc | convective_precipitation_amount(convective precipitatio amount) | kg/m2 | - |
| 33 | lclld | low_type_cloud_area_fraction(low level cloud cover) | - | - |
| 34 | mclld | medium_type_cloud_area_fraction(mid level cloud cover) | - | - |
| 35 | hclld | high_type_cloud_area_fraction(high level cloud cover) | - | - |
| 36 | tclld | cloud_area_fraction(total level cloud cover) | - | - |

| | | | | |
|------|---------|---|--------------|---------------|
| 37 | hpbl | atmosphere_boundary_layer_thickness(pbl height) | m | - |
| 38 | ustar | frictional velocity | m/s | - |
| 39 | weasd | snow water equivalent | - | - |
| 40 | snowd | surface_snow_thickness(surface snow depth) | m | - |
| 41 | sndens | snow_density(snow density) | kg/m3 | - |
| 42 | znt | surface_roughness_length(surface roughness length) | m | - |
| 43 | soilm | mass_content_of_water_in_soil_layer(soil moisture) | m3/m3 | 4(soil_levs*) |
| 44 | soilt | soil_temperature(soil temperature) | K | 4(soil_levs*) |
| 45 | shthfl | surface_upward_sensible_heat_flux(surface upward sensible heat flux) | W/m2 | - |
| 46 | lhtfl | surface_upward_latent_heat_flux(surface upward latent heat flux) | W/m2 | - |
| 47 | rss | surface_net_downward_shortwave_flux(surface net downward shortwave flux) | W/m2 | - |
| 48 | rls | surface_net_downward_longwave_flux(surface net downward longwave flux) | W/m2 | - |
| 49 | dlwrsfc | surface_downwelling_longwave_flux_in_air(surface downward longwave flux) | W/m2 | - |
| 50 | dswrsfc | surface_downwelling_shortwave_flux_in_air(surface downward shortwave flux) | W/m2 | - |
| 51 | ulwrtoa | toa_outgoing_longwave_flux(TOA outgoing longwave flux) | W/m2 | - |
| 52 | dswrtoa | toa_downward_shortwave_flux(TOA downward shortwave flux) | W/m2 | - |
| 53 | wbfrlh | wet bulb temperature freezing level height | m | - |
| 54 | pbltype | atmosphere_boundary_layer_area_type(pbl type) | - | - |
| 55 | ccb | air_pressure_at_convective_cloud_base(air pressure at convective cloud base) | Pa | - |
| 56 | cct | air_pressure_at_convective_cloud_top(air pressure at convective cloud top) | Pa | - |
| 57 | frl | freezing_level_altitude(freezing_level_altitude) | m | - |
| 58 | tauu | surface_downward_eastward_stress(surface downward eastward wind stress) | Pa | - |
| 59 | tauv | surface_downward_northward_stress(surface downward northward wind stress) | Pa | - |
| 60 | tcldc | convective_cloud_area_fraction(convective cloud area fraction) | - | - |
| 61 | tmax | 2m max temperature | K | |
| 62 | tmin | 2m min temperature | K | |
| 1000 | wd | wind direction | degree | - |
| 1001 | ws | wind speed | m/s | - |
| 2004 | ttd | difference between temperature and dew point temperature(T - Td) | K | - |
| 2005 | mr | mixing ratio | 1 | - |
| 2006 | pt | potential temperature | K | - |
| 3000 | prec | precipitaion_amount(large scale precipitaton amount+convective precipitatio amount) | kg/m2 | - |
| 1 | lons | longitude(longitude) | degree_east | - |
| 2 | lats | latitude(latitude) | degree_north | - |

* soil levs : 10, 30, 60, 100cm

③ 한국형 수치예보모델 단일(지상)면 추가 자료(afc.*)

| varid | 변수명 | 설명 | 단위 | 층(level) |
|-------|----------------|--|--------------|----------|
| 0 | lons | longitude(longitude) | degree_east | - |
| 1 | lats | latitude(latitude) | degree_north | - |
| 2 | levs | atmosphere_hybrid_sigma_pressure_coordinate(hybrid coefficient at model) | level | - |
| 3 | hyam | hybrid A coefficient at model | - | - |
| 4 | hybm | hybrid B coefficient at model | - | - |
| 5 | ilevs | atmosphere_hybrid_sigma_pressure_coordinate(hybrid coefficient at interface) | - | - |
| 6 | hyai | hybrid A coefficient at interface | - | - |
| 7 | hybi | hybrid B coefficient at interface | - | - |
| 8 | height_10m | 10m height | m | |
| 9 | height_2m | 2m height | m | |
| 10 | soil_levs | soil layer mid-point depth | m | |
| 11 | soil_levs_bnds | | | |
| 12 | time | | h | |
| 13 | time_ini | | h | |
| 14 | time_bnds | | | |
| 15 | time_ini_bnds | | | |
| 16 | psl | air_pressure_at_mean_sea_level(mean sea level pressure) | Pa | - |
| 17 | rainc_acc | convective_rainfall_amount(convective rainfall amount) | kg/m2 | - |
| 18 | rainl_acc | stratiform_rainfall_amount(large scale rainfall amount) | kg/m2 | - |
| 19 | snowc_acc | convective_snowfall_amount(convective snow amount) | kg/m2 | - |
| 20 | snowl_acc | stratiform_snowfall_amount(large scale snowfall amount) | kg/m2 | - |
| 21 | prec_acc | precipitaion_amount(precipitation amount) | kg/m2 | - |
| 1 | lons | longitude(longitude) | degree_east | - |
| 2 | lats | latitude(latitude) | degree_north | - |