

Surface Parameters

1. 10m Wind U
2. 10m Wind V
3. Low Cloud Amount
4. Medium Cloud Amount
5. High Cloud Amount
6. 1.5m Temperature
7. 1.5m Specific Humidity
8. Total Accumulated Precipitation
9. Visibility
10. Pressure
11. Pressure Reduced To MSL
12. Temperature Anomaly
13. Geometric Vertical Velocity
14. Relative Humidity
15. Precipitation Rate
16. Total Precipitation
17. Large Scale Precipitation (Non-Convective)
18. Water Equivalent Of Accumulated Snow Depth
19. Mixed Layer Depth
20. Total Cloud Cover
21. Convective Cloud Cover
22. Convective Snow
23. Large Scale Snow
24. Deviation Of Sea Level From Mean
25. Surface Roughness
26. Net Short-Wave Radiation Flux (Surface)
27. Latent Heat Net Flux
28. Sensible Heat Net Flux
29. Wet-Bulb Potential Temperature
30. Snow Probability
31. Fog Fraction At 1.5m
32. Soil Temperature Level 1
33. Accumulated Convective Rain
34. Rate Of Dynamic Rainfall
35. Rate Of Convective Rainfall
36. Rate Of Dynamic Snowfall
37. Rate Of Convective Snowfall
38. 10m Maximum Gust
39. Freezing Level Icao Height
40. -20 Deg celsius Isotherm True Height
41. Max Temperature At 2m Since Previous Post-Processing
42. Max Temperature At 2m Since Previous Post-Processing
43. Total Precipitation

Multi-Level Parameters

1. Geopotential Height
2. Temperature
3. Wind U
4. Wind V
5. Relative Humidity

Levels

1. 1000 Hpa
2. 980 Hpa (Surface Parameters)
3. 970 Hpa (Tropopause Icao Height In Metres, Pressure In Pa, Temperature In K)
4. 960 Hpa (Maximum Wind ICAO Height In Metres, Maximum Wind U And V In Metres Per Second)
5. 950 Hpa
6. 925 Hpa
7. 850 Hpa
8. 700 Hpa
9. 500 Hpa
10. 400 Hpa
11. 300 Hpa
12. 250 Hpa
13. 200 Hpa
14. 150 Hpa
15. 100 Hpa

Time Steps

3 hourly T+0 To T+72
6 Hourly T+78 To T+144

Model Run Times

00 UTC & 12UTC

Areas

UKMO NWP global areas A, B, C, D, E, F, G & H are designated as:

- Area A: Lat. 89.7°-0.3°N, Long. 18.75°W-71.25°E
- Area B: Lat. 89.7°-0.3°N, Long. 71.25°W-161.25°E
- Area C: Lat. 89.7°-0.3°N, Long. 161.25°E-108.75°W
- Area D: Lat. 89.7°-0.3°N, Long. 108.75°W-18.75°W
- Area E: Lat. 0.3°-89.7°S, Long. 18.75°W-71.25°E
- Area F: Lat. 0.3°-89.7°S, Long. 71.25°W-161.25°E
- Area G: Lat. 0.3°-89.7°S, Long. 161.25°E-108.75°W
- Area H: Lat. 0.3°-89.7°S, Long. 108.75°W-18.75°W

Resolution

0.56 Deg N/S X 0.83 Deg E/W (~60km)

Format

GRIB1