

APPENDIX 2.2.5. MANDATORY AND HIGHLY RECOMMENDED GLOBAL ENSEMBLE PREDICTION SYSTEM PRODUCTS TO BE MADE AVAIABLE ON THE WIS

Parameter	Level (hPa)	Resolution	Forecast range	Time steps	Frequency	Thresholds
Probability of Precipitation	Surface	0.5 °×0.5 °	24~360hr	6 hour interval	2 times everyday (00/12UTC)	1, 10,25,50 mm and 100 mm/24 hours
Probability of 10m sustained wind and gusts	Surface	0.5 °×0.5 °	0~360hr	6 hour interval	2 times everyday (00/12UTC)	10.8 and 17.2 m s ⁻¹
Probability of Temperature anomalies	850	0.5 °×0.5 °	24~360hr	24 hour interval	2 times everyday (00/12UTC)	± 1 and ± 2 standard deviations with respect to a reanalysis climatology specified by producing Centre
Ensemble mean + spread (standard deviation) of Geopotential height	500	0.5 °×0.5 °	0~360hr	6 hour interval	2 times everyday (00/12UTC)	
Ensemble mean + spread (standard deviation) of MSL pressure	Surface	0.5 °×0.5 °	0~360hr	6 hour interval	2 times everyday (00/12UTC)	
Ensemble mean + spread (standard deviation) of wind speed	850/250	0.5 °×0.5 °	0~360hr	6 hour interval	2 times everyday (00/12UTC)	