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

Probability of Precipitation Surface Probability of Precipitation Probability of Precipitation Probability of 10m sustained wind and gusts Probability of 10m sustained werryday (00/12UTC) Probability of 10m sustained wind and gusts Probability of 10m sustained werryday (00/12UTC) Probability of 10m sustained wind and gusts Probability of 10m sustained werryday (00/12UTC) Probability of 10m sustained wind and gusts Probability of 10m sustained werryday (00/12UTC) Probability of 10m sustained werry	Parameter	Level	Resolution	Forecast	Time	Frequency	Thresholds
Precipitation Probability of 10m sustained wind and gusts Probability of 12m sustained wind and gusts Probability of 12m solution and gusts Probability of 2 times interval gusty and		(hPa)		range	steps	. ,	
Probability of 10m sustained wind and gusts Probability of 10m sustained wind 2 times interval wind with respect to a reanalysis climatology specified by producing Centre Ensemble mean + spread (standard deviation) of Geopotential height Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure	Probability of	Surface	0.5 °×0.5 °	24~360hr	6 hour		1, 10,25,50
Probability of 10m sustained wind and gusts Probability of 10m sustained wind and gusts Probability of 12m gradient wind wind and gusts Probability of 12m gradient wind wind and gusts Probability of 12m gradient wind wind wind wind wind wind wind wind	Precipitation				interval	everyday	mm and 100
Probability of 10m sustained wind and gusts Probability of Temperature anomalies Probability of Temperatur						(00/12UTC)	mm/24
10m sustained wind and gusts Probability of Temperature anomalies 850 0.5 %0.5 ° 24~360hr 24 hour interval everyday (00/12UTC) 850 0.5 %0.5 ° 24~360hr 24 hour interval everyday (00/12UTC) 850 0.5 %0.5 ° 0.5 ° 00/12UTC) Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure							hours
wind and gusts Probability of Temperature anomalies 850	Probability of	Surface	0.5 °×0.5 °	0~360hr	6 hour	2 times	10.8 and
Probability of Temperature anomalies 850 0.5 °×0.5 ° 124~360hr 1 24 hour interval 25 standard deviations with respect to a reanalysis climatology specified by producing Centre Ensemble mean + spread (standard deviation) of Geopotential height Ensemble mean + spread (standard deviation) of MSL pressure	10m sustained				interval	everyday	17.2 m s ⁻¹
Temperature anomalies Interval everyday (00/12UTC) standard deviations with respect to a reanalysis climatology specified by producing Centre Ensemble mean + spread (standard deviation) of Geopotential height Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) Ensemble mean + spread (standard deviatio	wind and gusts					(00/12UTC)	
anomalies	Probability of	850	0.5 °×0.5 °	24~360hr	24 hour	2 times	± 1 and ± 2
with respect to a reanalysis climatology specified by producing Centre Ensemble mean + spread (standard deviation) of Geopotential height Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure	Temperature				interval	everyday	standard
to a reanalysis climatology specified by producing Centre Ensemble mean + spread (standard deviation) of Geopotential height Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure	anomalies					(00/12UTC)	deviations
reanalysis climatology specified by producing Centre Ensemble							with respect
Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure							to a
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Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure mean + spread (standard deviation							= -
Ensemble 500 0.5 °×0.5 ° 0~360hr 6 hour 2 times everyday (00/12UTC) deviation) of Geopotential height Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure							producing
mean + spread (standard deviation) of Geopotential height Ensemble mean + spread (standard deviation) of MSL pressure mean + spread (standard deviation) of MSL pre							
(standard deviation) of Geopotential height Ensemble Surface 0.5 °×0.5 ° 0~360hr interval everyday (00/12UTC) deviation) of MSL pressure Ensemble 850/250 0.5 °×0.5 ° 0~360hr interval everyday (00/12UTC) deviation) of MSL pressure Ensemble everyday everyday (00/12UTC) deviation) of mean + spread (standard deviation) of mean + spread	Ensemble	500	0.5 °×0.5 °	0~360hr	6 hour	2 times	
deviation) of Geopotential height Ensemble Surface 0.5 °×0.5 ° 0~360hr 6 hour everyday (00/12UTC) deviation) of MSL pressure Ensemble 850/250 0.5 °×0.5 ° 0~360hr 6 hour everyday (100/12UTC) deviation) of mean + spread (standard everyday (100/12UTC) deviation) of mean + spread (standard everyday (100/12UTC) deviation) of mean + spread (100/12UTC)	mean + spread				interval	everyday	
deviation) of Geopotential height Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of mean + spread (standard deviation) of	(standard					(00/12UTC)	
Geopotential height Ensemble Surface 0.5 °×0.5 ° 0~360hr 6 hour interval everyday (00/12UTC) MSL pressure Ensemble 850/250 0.5 °×0.5 ° 0~360hr 6 hour interval everyday (00/12UTC) MSL pressure Ensemble 850/250 0.5 °×0.5 ° 0~360hr 6 hour interval everyday (00/12UTC) MSL pressure interval everyday (00/12UTC)	deviation) of					,	
height Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of MSL pressure Ensemble mean + spread (standard deviation) of mean + spread (standard deviation) of	·						
Ensemble Surface 0.5 °×0.5 ° 0~360hr 6 hour everyday (00/12UTC) MSL pressure Ensemble 850/250 0.5 °×0.5 ° 0~360hr 6 hour everyday (00/12UTC) mean + spread (standard deviation) of (00/12UTC)							
(standard deviation) of MSL pressure Ensemble 850/250 0.5 °×0.5 ° 0~360hr finterval (00/12UTC) (standard deviation) of (00/12UTC)		Surface	0.5 °×0.5 °	0~360hr	6 hour	2 times	
(standard deviation) of MSL pressure Ensemble 850/250 0.5 °×0.5 ° 0~360hr finterval (00/12UTC) (standard deviation) of (00/12UTC)	mean + spread				interval	everyday	
deviation) of MSL pressure Ensemble 850/250 0.5 °×0.5 ° 0~360hr 6 hour interval everyday (00/12UTC) deviation) of	The state of the s						
MSL pressure Ensemble 850/250 0.5 °×0.5 ° 0~360hr 6 hour 2 times everyday (00/12UTC) deviation) of	_ ·					,	
Ensemble 850/250 0.5 °×0.5 ° 0~360hr 6 hour 2 times everyday (standard deviation) of (0.5 °×0.5 ° 0~360hr 6 hour interval (00/12UTC)							
mean + spread interval everyday (00/12UTC) deviation) of		850/250	0.5 °×0.5 °	0~360hr	6 hour	2 times	
(standard (00/12UTC) deviation) of		,					
deviation) of	The state of the s						
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	wind speed						