

LIST OF EXTENSION OF PRODUCTS REQUESTED TO ECMWF FOR DISSEMINATION ON THE EUMETCAST AND INTERNET

(This request is based on requirements outlined by the “WMO AR1 Dissemination Expert Group” at their third meeting on 30th September 2012.)

Based on deterministic atmospheric model:

Parameter	Product description	Level	Domain	Base time (UTC)	Steps (Hours)
MSLP	Mean Sea Level Pressure	Surface	Global	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
Z	Geopotential height	925, 850, 700, 600, 500, 200	Global	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
U and V	Horizontal wind components	10m, 925, 850, 700, 600, 500, 200	Global	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
VV	Vertical Velocity	925, 850, 700, 600, 500, 200	Africa	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
RH	Relative humidity	2m, 925, 850, 700, 600, 500, 200	Global	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
T	Air temperature	2m, 925, 850, 700, 600, 500, 200	Africa	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
Div	Divergence	925, 850, 700, 600, 500, 200	Global	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
Vor	Vertical vorticity	925, 850, 700, 600, 500, 200	Global	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
Td	Dew point temperature	925, 850, 700, 600, 500, 200	Africa	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
Θ'w	Theta prime w	925, 850, 700, 600, 500, 200	Africa	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
TCWV	Total column water vapour	surface	Africa	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
APCP	24h accumulated precipitation	Surface	Africa	00, 12	24, 48, 72, 96, 120, 144, 168
SP	Surface pressure	Surface	Africa	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
STL1	Soil temperature level 1	Surface	Africa	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
SKT	Skin temperature	Surface	Africa	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
TC	Tropical Cyclone Track	Surface	South-West Indian Ocean	00, 12	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168

Based on deterministic ocean wave model

Parameter	Product description	Domain	Base time (UTC)	Steps (Hours)
SWH	Significant wave height	Africa	00	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
MWD	Mean wave direction	Africa	00	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168
MWP	Mean wave period	Africa	00	H+00, 06,12,18, 24, 30, 36, 42, 48, 60, 72, 84,96, 120, 144, 168

Based on EPS

Parameter	Product description	Level	Domain	Base time (UTC)	Steps (Hours)
Prob Precip 10	24h cumulated precipitation probabilities of at least 10mm	Surface	Africa	00, 12	24, 48, 72, 96, 120, 144, 168

Prob Precip 20	24h cumulated precipitation probabilities of at least 20mm	Surface	Africa	00, 12	24, 48, 72, 96, 120, 144, 168
Wind gust 15	10m wind gust probabilities of at least 15m/s	10m	Africa	00, 12	24, 48, 72, 96, 120, 144, 168
Wind gust 25	10m wind gust probabilities of at least 25m/s	10m	Africa	00, 12	24, 48, 72, 96, 120, 144, 168
TC Strike prob	Tropical cyclone strike probabilities during the next 120h	Surface	South-West Indian Ocean	00, 12	

Medium and seasonal range forecasts

Parameter	Product description	Domain	Steps	Frequency
Weekly MJO	MJO indices forecast	Global	4 weeks	1/week
Weekly wind	Weekly wind anomalies forecasts for 925, 850, 700, 500, 200 hPa	Global	Week1, week2, week3, week4	1/week
Weekly 2m temperature	Weekly 2m temperature anomalies forecast	Africa	Week1, week2, week3, week4	1/week
Weekly precipitation	Weekly precipitation anomalies forecast	Africa	Week1, week2, week3, week4	1/week
Seasonal MSLP	Seasonal MSLP anomalies forecast	Global	1, 2, 3 and 4 month lead time	1/month
Seasonal geopotential	Seasonal geopotential anomalies forecasts for 925, 850, 700, 500, 200 hPa	Global	1, 2, 3 and 4 month lead time	1/month
Seasonal SSTs	Seasonal SST anomalies forecast	Global	1, 2, 3 and 4 month lead time	1/month
	Tercile summary of seasonal SST forecast			
	Probabilities for lower third of distribution of seasonal 2m temperature forecast			
	Probabilities for middle third of distribution of seasonal 2m temperature forecast			
	Probabilities for upper third of distribution of seasonal 2m temperature forecasts			
Seasonal 2m Temperatures	Tercile summary of seasonal 2m temperature forecast	Africa	1, 2, 3 and 4 month lead time	1/month
	Probabilities for lower third of distribution of seasonal 2m temperature forecasts			
	Probabilities for middle third of distribution of seasonal 2m temperature forecasts:			
	Probabilities for upper third of distribution of seasonal 2m temperature forecasts			
	Seasonal maximum 2m temperature anomalies forecast			
	Seasonal minimum 2m temperature anomalies forecast			
	Seasonal mean 2m temperature anomalies forecast			
Seasonal precipitation	Tercile summary of seasonal precipitation forecasts	Global	1, 2, 3 and 4 month lead time	1/month
	Probabilities for lower third of distribution of seasonal precipitation forecasts			
	Probabilities for middle third of distribution of seasonal precipitation forecasts:			
	Probabilities for upper third of distribution of seasonal precipitation forecasts:			
Seasonal wind	Seasonal wind anomalies forecast for 925, 850, 700, 500, 200 hPa	Global	1, 2, 3 and 4 month lead time	1/month
Seasonal relative humidity	Seasonal relative humidity anomalies forecast for 925, 850, 700, 500, 200 hPa	Global	1, 2, 3 and 4 month lead time	1/month