

ECMWF Conventional Observation Blacklist Proposal: 2020010200

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European Centre for Medium-Range Weather Forecasts
Europäisches Zentrum für mittelfristige Wettervorhersage
Centre européen pour les prévisions météorologiques à moyen terme

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2 Blacklists

2.1 SYNOP

2.1.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
40587	Sulaibiya	Kuwait	Surface pressure (Pa)	Add to blacklist		10	10	3=>SYNOP(Automatic Land SYNOP)		2019122100	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
41523	Saidu Sharif	Pakistan	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2019121700	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
42143	Najibabad	India (Stations North Of Latitude 20~N)	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2019121600	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
42271	Hardoi	India (Stations North Of Latitude 20~N)	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2019121400	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
42473	Banda	India (Stations North Of Latitude 20~N)	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2019121000	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
43133	Nalgonda	India (Stations South Of Latitude 20~N)	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2019122200	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
62018	Abu Njaym	Libya	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2019121800	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
67323	Inhambane	Mozambique	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2019121500	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
72494	San Francisco/ Int., Ca.	United States (The)	Surface pressure (Pa)	Add to blacklist		10	10	170=>SYNOP(BUFR LAND SYNOP)		2019122100	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
72672	Riverton, Wy.	United States (The)	Surface pressure (Pa)	Add to blacklist		10	10	170=>SYNOP(BUFR LAND SYNOP)		2019122200	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)
76342	Monclova, Coah.	Mexico	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2019121400	Time series plot(see page 4)		Multi Centre Comparision(see page 4)	Maps view(see page 4)

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
89345	Siple Dome	Stations Operated By The U.S.A. (University Of Wisconsin)	Surface pressure (Pa)	Add to blacklist		10	10	3=>SYNOP(Automatic Land SYNOP)		2019122200	Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)

2.1.2 Remove

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
35334	Tokmansay	Kazakhstan	All parameters	Remove from blacklist				3=>SYNOP(Automatic Land SYNOP)	2019122400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35475	Shubarkul	Kazakhstan	All parameters	Remove from blacklist				3=>SYNOP(Automatic Land SYNOP)	2019122400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
40691	Al-Fao	Iraq	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2019121700		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
43110	Ratnagiri	India (Stations South Of Latitude 20~N)	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2019121700		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
43197	Belgaum	India (Stations South Of Latitude 20~N)	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2019121700		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
43197	Belgaum	India (Stations South Of Latitude 20~N)	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2019122400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
60602	Beni-Abbes	Algeria	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2019121700		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
65450	Abetifi	Ghana	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2019121700		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
68192	68192		Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2019121700		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	
68443	Bloemfontein City	South Africa	Surface pressure (Pa)	Remove from blacklist				3=>SYNOP(Automatic Land SYNOP)	2019121700		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
76122	Nueva Casas Grandes, Chih.	Mexico	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2019121700		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)

2.2 DRIBU

2.2.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparison	Position
62092			Surface pressure (Pa)	Add to blacklist	Reported by Daily Report analyst			21=>DRIBU(DRIBU)		2019120200	Time series plot(see page 4)			
1402558			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2019121700	Time series plot(see page 4)			
2501662			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2019122000	Time series plot(see page 4)			
3401555			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2019122200	Time series plot(see page 4)			
4101708			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2019121200	Time series plot(see page 4)			
4101717			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2019121300	Time series plot(see page 4)			
4801716			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2019122100	Time series plot(see page 4)			
5300555			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2019120800	Time series plot(see page 4)			
5601583			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2019121900	Time series plot(see page 4)			
6100198			Surface pressure (Pa)	Add to blacklist		10	10	188=>DRIBU(MOORED BUOYS)		2019122200	Time series plot(see page 4)			
6201030			Surface pressure (Pa)	Add to blacklist		10	10	188=>DRIBU(MOORED BUOYS)		2019121100	Time series plot(see page 4)			
6401800			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2019121300	Time series plot(see page 4)			

2.2.2 Remove

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
2201573			Surface pressure (Pa)	Remove from blacklist				189=>DRIBU(DRIFTING BUOYS)	2019121700		Time series plot(see page 4)			
2300007			V10m (m/s)	Remove from blacklist				188=>DRIBU(MOORED BUOYS)	2019121700		Time series plot(see page 4)			
2300007			U10m (m/s)	Remove from blacklist				188=>DRIBU(MOORED BUOYS)	2019121700		Time series plot(see page 4)			
6203702			Surface pressure (Pa)	Remove from blacklist				189=>DRIBU(DRIFTING BUOYS)	2019121700		Time series plot(see page 4)			

2.3 SHIP

2.3.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
3FOB5			Wind Vector difference (m/s)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019121300	Time series plot(see page 4)			
3FPS9			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019122200	Time series plot(see page 4)			
46080			Wind Vector difference (m/s)	Add to blacklist		10	10	13=>SHIP(Automatic SHIP)		2019122200	Time series plot(see page 4)			
46185			Wind Vector difference (m/s)	Add to blacklist		10	10	13=>SHIP(Automatic SHIP)		2019122000	Time series plot(see page 4)			
9V2729			Wind Vector difference (m/s)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019122200	Time series plot(see page 4)			
9V8043			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019122100	Time series plot(see page 4)			
BATFR03			Wind Vector difference (m/s)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019121400	Time series plot(see page 4)			
C6CG4			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019121200	Time series plot(see page 4)			
C6FR3			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019121900	Time series plot(see page 4)			

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparison	Position
C6SE5			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019122200	Time series plot(see page 4)			
ICAZ			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019122200	Time series plot(see page 4)			
KDBG			Wind Vector difference (m/s)	Add to blacklist		10	10	9=>SHIP(Abbreviated SHIP)		2019122100	Time series plot(see page 4)			
OOUY2			Wind Vector difference (m/s)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019121800	Time series plot(see page 4)			
S6LT3			Wind Vector difference (m/s)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019121800	Time series plot(see page 4)			
UBXS			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019121100	Time series plot(see page 4)			
V7A2563			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019121500	Time series plot(see page 4)			
V7HH2			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019122200	Time series plot(see page 4)			
VRGO2			Wind Vector difference (m/s)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019121700	Time series plot(see page 4)			
VRNA9			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019122000	Time series plot(see page 4)			
VRRB6			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019122200	Time series plot(see page 4)			
WGAH			Wind Vector difference (m/s)	Add to blacklist		10	10	11=>SHIP(SHIP)		2019122100	Time series plot(see page 4)			

2.3.2 Remove

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparison	Position
.....			All parameters	Remove from blacklist	Blacklist all TAC SHIP SYNOPs and use BUFR (see blacklist code for exceptions)			13=>SHIP(Automatic SHIP)	2019122200		Time series plot(see page 4)			
.....			All parameters	Remove from blacklist	Blacklist all TAC SHIP SYNOPs and use BUFR (see blacklist code for exceptions)			19=>SHIP(Reduced SHIP)	2019122200		Time series plot(see page 4)			

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparison	Position
.....			All parameters	Remove from blacklist	Blacklist all TAC SHIP SYNOPs and use BUFR (see blacklist code for exceptions)			11=>SHIP(SHIP)	2019122200		Time series plot(see page 4)			
.....			All parameters	Remove from blacklist	Blacklist all TAC SHIP SYNOPs and use BUFR (see blacklist code for exceptions)			9=>SHIP(Abbreviated SHIP)	2019122200		Time series plot(see page 4)			
LAMG7			Surface pressure (Pa)	Remove from blacklist				13=>SHIP(Automatic SHIP)	2019121000		Time series plot(see page 4)			

2.4 METAR

2.4.1 Add

2.4.2 Remove

2.5 TEMP

2.5.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparison	Position
17130	Ankara Bölge	Turkey	Ucomp (m/s)	Add to blacklist	Small sample with occasional large bias			109=>TEMP(High Reso land TEMP)		2019122200	Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
17130	Ankara Bölge	Turkey	Vcomp (m/s)	Add to blacklist	Small sample with occasional large bias			109=>TEMP(High Reso land TEMP)		2019122200	Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
24122	Olenek	Russian Federation	Temperature (k)	Add to blacklist				101=>TEMP(Land TEMP)		2019122100	Time series plot(see page 4)	Vertical Profile Plot(see page 4)	Multi Centre Comparison(see page 4)	Maps view(see page 4)
24343	Zhigansk	Russian Federation	Temperature (k)	Add to blacklist				101=>TEMP(Land TEMP)		2019121600	Time series plot(see page 4)	Vertical Profile Plot(see page 4)	Multi Centre Comparison(see page 4)	Maps view(see page 4)
25123	Cherskij	Russian Federation	Temperature (k)	Add to blacklist				101=>TEMP(Land TEMP)		2019121700	Time series plot(see page 4)	Vertical Profile Plot(see page 4)	Multi Centre Comparison(see page 4)	Maps view(see page 4)
30965	Borzya	Russian Federation	Temperature (k)	Add to blacklist				101=>TEMP(Land TEMP)		2019122000	Time series plot(see page 4)	Vertical Profile Plot(see page 4)	Multi Centre Comparison(see page 4)	Maps view(see page 4)

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
56080	Hezuo	China	Temperature (k)	Add to blacklist				101=>TEMP(Land TEMP)		2019121800	Time series plot(see page 4)	Vertical Profile Plot(see page 4)	Multi Centre Comparison(see page 4)	Maps view(see page 4)

2.5.2 Remove

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
31873	Dal'Nerechensk	Russian Federation	Temperature (k)	Remove from blacklist		400	700	101=>TEMP(Land TEMP)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)	Multi Centre Comparison(see page 4)	Maps view(see page 4)
31873	Dal'Nerechensk	Russian Federation	Temperature (k)	Remove from blacklist		700	1013	101=>TEMP(Land TEMP)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)	Multi Centre Comparison(see page 4)	Maps view(see page 4)

2.6 PILOT

2.6.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
41768	Chhor	Pakistan	Wind Vector difference (m/s)	Add to blacklist				91=>PILOT(Land PILOT)		2019121500	Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
42809	Kolkata/ Dum Dum	India (Stations North Of Latitude 20~N)	Wind Vector difference (m/s)	Add to blacklist				91=>PILOT(Land PILOT)		2019121200	Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)

2.6.2 Remove

2.7 AIREP

2.7.1 Add

2.7.2 Remove

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparison	Position
ACA846			Vcomp (m/s)	Remove from blacklist	This requires removal of any existing pattern ACA... from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
ACA846			Ucomp (m/s)	Remove from blacklist	This requires removal of any existing pattern ACA... from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
AFR378			Vcomp (m/s)	Remove from blacklist	This requires removal of any existing pattern AFR... from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
AFR378			Ucomp (m/s)	Remove from blacklist	This requires removal of any existing pattern AFR... from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
ANZ98			Vcomp (m/s)	Remove from blacklist	This requires removal of any existing pattern ANZ.. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
ANZ98			Ucomp (m/s)	Remove from blacklist	This requires removal of any existing pattern ANZ.. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
BOS1			Vcomp (m/s)	Remove from blacklist	This requires removal of any existing pattern BOS. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
BOS1			Ucomp (m/s)	Remove from blacklist	This requires removal of any existing pattern BOS. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
BOS2			Vcomp (m/s)	Remove from blacklist	This requires removal of any existing pattern BOS. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
BOS2			Ucomp (m/s)	Remove from blacklist	This requires removal of any existing pattern BOS. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
BOS5			Vcomp (m/s)	Remove from blacklist	This requires removal of any existing pattern BOS. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
BOS5			Ucomp (m/s)	Remove from blacklist	This requires removal of any existing pattern BOS. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
BOS9			Vcomp (m/s)	Remove from blacklist	This requires removal of any existing pattern BOS. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
BOS9			Ucomp (m/s)	Remove from blacklist	This requires removal of any existing pattern BOS. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
LOT45			Vcomp (m/s)	Remove from blacklist	This requires removal of any existing pattern LOT.. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			
LOT45			Ucomp (m/s)	Remove from blacklist	This requires removal of any existing pattern LOT.. from the blacklist and addition of specific low quality ids.	0	500	142=>AIREP(AIREP)	2019121700		Time series plot(see page 4)			

2.8 AMDAR

2.8.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
25M13QZA			Temperature (k)	Add to blacklist				146=>AMDAR(WIGOS AMDAR)		2019122200	Time series plot(see page 4)			
EU0147			Temperature (k)	Add to blacklist				146=>AMDAR(WIGOS AMDAR)		2019121800	Time series plot(see page 4)			
HK0...			Temperature (k)	Add to blacklist	Temporary rejection of "new" Hong Kong AMDAR format			146=>AMDAR(WIGOS AMDAR)		2019122200	Time series plot(see page 4)			
HK0...			Ucomp (m/s)	Add to blacklist	Temporary rejection of "new" Hong Kong AMDAR format			146=>AMDAR(WIGOS AMDAR)		2019122200	Time series plot(see page 4)			
HK0...			Vcomp (m/s)	Add to blacklist	Temporary rejection of "new" Hong Kong AMDAR format			146=>AMDAR(WIGOS AMDAR)		2019122200	Time series plot(see page 4)			
JP9Z....			Temperature (k)	Add to blacklist	Temporary rejection of "new" Japanese AMDAR format			146=>AMDAR(WIGOS AMDAR)		2019122200	Time series plot(see page 4)			
JP9Z....			Ucomp (m/s)	Add to blacklist	Temporary rejection of "new" Japanese AMDAR format			146=>AMDAR(WIGOS AMDAR)		2019122200	Time series plot(see page 4)			
JP9Z....			Vcomp (m/s)	Add to blacklist	Temporary rejection of "new" Japanese AMDAR format			146=>AMDAR(WIGOS AMDAR)		2019122200	Time series plot(see page 4)			

2.8.2 Remove

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
ARG1132			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2019121700		Time series plot(see page 4)			

2.9 ACARS

2.9.1 Add

2.9.2 Remove

3 Whitelists

3.1 PROFILER

3.1.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
02925	02925		Vcomp (m/s)	Add to whitelist		700	1013	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		
02925	02925		Ucomp (m/s)	Add to whitelist		700	1013	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		
10132	Boostedt (Radar)	Germany	Vcomp (m/s)	Add to whitelist		700	1013	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
10132	Boostedt (Radar)	Germany	Ucomp (m/s)	Add to whitelist		700	1013	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
10392	Proetzel (Radar)	Germany	Vcomp (m/s)	Add to whitelist		400	700	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
10392	Proetzel (Radar)	Germany	Ucomp (m/s)	Add to whitelist		400	700	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
91762	Apia	Samoa	Vcomp (m/s)	Add to whitelist		400	700	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
91762	Apia	Samoa	Ucomp (m/s)	Add to whitelist		400	700	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
91762	Apia	Samoa	Vcomp (m/s)	Add to whitelist		700	1013	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
91762	Apia	Samoa	Ucomp (m/s)	Add to whitelist		700	1013	96=>PROF(European Wind Profiler)	2019121700		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)

3.1.2 Remove

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
08308	Llucmayor	Spain	Wind Vector difference (m/s)	Remove from whitelist				96=>PROF(European Wind Profiler)		2019121200	Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
12843	Budapest/Pestszentlorinc	Hungary	Wind Vector difference (m/s)	Remove from whitelist				96=>PROF(European Wind Profiler)		2019121000	Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)

3.2 TEMP

3.2.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
5...	5...	China	All parameters	Add to whitelist	CMA TEMPs being migrated to BUFR			109=>TEMP(High Reso land TEMP)	2019122200		Time series plot(see page 4)			
61660	Dakar-Diass-Aibd	Senegal	All parameters	Add to whitelist				109=>TEMP(High Reso land TEMP)	2019122200		Time series plot(see page 4)			Maps view(see page 4)
76...	76...	Mexico	All parameters	Add to whitelist	76256, 76394, 76595, 76654 improved hence block whitelist			109=>TEMP(High Reso land TEMP)	2019122200		Time series plot(see page 4)			
83768	Londrina (Aero)	Brazil	All parameters	Add to whitelist				109=>TEMP(High Reso land TEMP)	2019122200		Time series plot(see page 4)			Maps view(see page 4)

3.2.2 Remove

3.3 PILOT

3.3.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparision	Position
5...	5...	China	All parameters	Add to whitelist	CMA TEMPs being migrated to BUFR			112=>PILOT(BUFR LAND PILOT)	2019122200		Time series plot(see page 4)			
95282	95282		All parameters	Add to whitelist				112=>PILOT(BUFR LAND PILOT)	2019122200		Time series plot(see page 4)			

3.3.2 Remove

3.4 SYNOP

3.4.1 Add

WMO Id	Station Name	Country	varno	Evaluation Action	Additional Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot (Time series)	Plot (Vertical stats)	Multi Centre Comparison	Position
.....		All parameters	Add to whitelist	Whitelist all BUFR SHIP SYNOPs (see blacklist code for exceptions)			182=>SYNOP(BUFR SHIP SYNOP)	2019122200		Time series plot(see page 4)			
06788	Vicosoprano	Switzerland	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2019122400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
06794	Poschiavo / Robbia	Switzerland	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2019122400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
11201	Sillian	Austria	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2019122400				Multi Centre Comparison(see page 4)	Maps view(see page 4)

3.4.2 Remove