

ECMWF Conventional Observation Blacklist Proposal: 2020060100

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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 Comparison	Position
2GNG3	2Gng3		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050800	Time series plot(see page 4)			
40603	Tel-Afer	Iraq	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2020051600	Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
42914	Diu	India (Stations North Of Latitude 20~N)	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2020050900	Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
43310	Long Island	India (Stations South Of Latitude 20~N)	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2020050900	Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
44030	44030		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051700	Time series plot(see page 4)			
60602	Beni-Abbes	Algeria	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2020052100	Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
71419	Hart Island (Aut), Ns	Canada	Surface pressure (Pa)	Add to blacklist		10	10	170=>SYNOP(BUFR LAND SYNOP)		2020052100	Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
81982	Santana Do Araguaia	Brazil	Surface pressure (Pa)	Add to blacklist		10	10	170=>SYNOP(BUFR LAND SYNOP)		2020052100	Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
85432	Calama	Chile	Surface pressure (Pa)	Add to blacklist		10	10	3=>SYNOP(Automatic Land SYNOP)		2020052000	Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
91434	Kapingamarangi Atoll, Caroline Is.	Islands In The Pacific Ocean North Of The Equator	Surface pressure (Pa)	Add to blacklist		10	10	1=>SYNOP(Manual Land SYNOP)		2020051300	Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
9V5600	9V5600		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051500	Time series plot(see page 4)			
9V9288	9V9288		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050800	Time series plot(see page 4)			
9V9404	9V9404		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052000	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
9VBP8	9Vbp8		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
C6AX3	C6Ax3		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051800	Time series plot(see page 4)			
C6CS9	C6Cs9		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051100	Time series plot(see page 4)			
C6DF6	C6Df6		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052000	Time series plot(see page 4)			
C6DP5	C6Dp5		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050700	Time series plot(see page 4)			
C6ZI9	C6Zi9		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050800	Time series plot(see page 4)			
CFL24	Cfl24		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052000	Time series plot(see page 4)			
EUCD E08	Eucde08		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051400	Time series plot(see page 4)			
J8QX8	J8Qx8		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051900	Time series plot(see page 4)			
KGTX	Kgtx		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051900	Time series plot(see page 4)			
LAHR7	Lahr7		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051000	Time series plot(see page 4)			
ONFN	Onfn		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050900	Time series plot(see page 4)			
ONGI	Ongi		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
ONIK	Onik		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050700	Time series plot(see page 4)			
OUIJ2	Ouji2		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051000	Time series plot(see page 4)			
OYIK2	Oyik2		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	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
PCHF	Pchf		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
S6DU3	S6Du3		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051600	Time series plot(see page 4)			
S6DU6	S6Du6		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
TBWU K48	Tbwuk48		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
UCQX	Ucqx		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
VRFB8	Vrfb8		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051700	Time series plot(see page 4)			
VRMO 4	Vrmo4		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
VRNB 4	Vrnb4		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051600	Time series plot(see page 4)			
VRQK 3	Vrqk3		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
VRRD2	Vrrd2		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051600	Time series plot(see page 4)			
VRRL7	Vrrl7		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051900	Time series plot(see page 4)			
VRTB6	Vrtb6		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051100	Time series plot(see page 4)			
WDJ4 194	Wdj4194		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050900	Time series plot(see page 4)			
WMCU	Wmcu		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050700	Time series plot(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 Comparison	Position
01037	Skibotn 2	Norway	Surface pressure (Pa)	Remove from blacklist				3=>SYNOP(Automatic Land SYNOP)	2020051900		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
16531	Olbia Costa Smeralda	Italy	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2020051900		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
16531	Olbia Costa Smeralda	Italy	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
16618	Edessa	Greece	Surface pressure (Pa)	Remove from blacklist				3=>SYNOP(Automatic Land SYNOP)	2020051200		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
16618	Edessa	Greece	All parameters	Remove from blacklist				3=>SYNOP(Automatic Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
16770	Kasos	Greece	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2020051900		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
16770	Kasos	Greece	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
28775	Yavlenka	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
28776	Smirnov	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
28785	Vozvyshenka	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
28843	Karabalyk	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
28863	Sergeevka	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
28877	Saumalkol	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
28884	Chkalovo	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
28985	Burabai	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
28987	Borovoe Skfm	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				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 Comparison	Position
28993	Golubovka	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
29808	Fedorovka	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
29817	Lozovaya	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
29900	Aktogay_Pvd	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
29906	Uspenka	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
34473	Zhanibek	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
34581	Urda	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35042	Zhitikara	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35055	Dievskaya	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35106	Yanvartsevo	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35117	Aksai	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35153	Karamendy	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35157	Aralkol	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35179	Egindykol	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35198	Rodnikovskoe	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35224	Krasnoyarskaya	Kazakhstan	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2020051900		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
35224	Krasnoyarskaya	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)

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35225	Martuk	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35244	Komsomolskoye	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35325	Il'Insky	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35344	Karabutak	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35363	Arkalyk	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35382	Kievka	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35386	Kertindy	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35437	Emba	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35514	Karabau	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35522	Karaulkeldy	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35542	Irgiz	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35605	Mahambet	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35705	Peshnoy	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
35715	Kulsary	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36001	Ekibastuz	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36015	Shalday	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36017	Koktobe	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				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 Comparison	Position
36126	Bayanaul	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36418	Samarka	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36439	Katon-Karagay	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36546	Kurshim	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36622	Ayagoz	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36643	Aksuat	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36697	Akzhar	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36773	Matai	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36806	Zhalanashkol	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36856	Konyrolen	Kazakhstan	All parameters	Remove from blacklist				3=>SYNOP(Automatic Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36874	Aksengir	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36905	Kyrgyzsai	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
36907	Kegen	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
37566	Gurjaani	Georgia	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38002	Kyzan	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38018	Say-Utes	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38045	Kaukey	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				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 Comparison	Position
38049	Shirik-Rabat	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38081	Tasty	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38091	Ulanbel	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38111	Aktau	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38112	Zhanaozen	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38191	Akkum	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38202	Saudakent	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38203	Uyuk	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38207	Shayan	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
38584	Zhetysai	Kazakhstan	All parameters	Remove from blacklist				1=>SYNOP(Manual Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
40723	Bojnourd	Iran, Islamic Republic Of	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2020051900		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
44266	Tonkhil	Mongolia	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2020051900		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
44329	Jinst	Mongolia	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2020051900		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
68268	Warmbad Towoomba	South Africa	Surface pressure (Pa)	Remove from blacklist				3=>SYNOP(Automatic Land SYNOP)	2020051900		Time series plot(see page 4)		Multi Centre Comparison(see page 4)	Maps view(see page 4)
68925	Elgin Exp Farm	South Africa	All parameters	Remove from blacklist				3=>SYNOP(Automatic Land SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
76220	Temosachic, Chih.	Mexico	Surface pressure (Pa)	Remove from blacklist				9=>SYNOP(Abbreviated SYNOP)	2020051900		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 Comparision	Position
23094			Wind Vector difference (m/s)	Add to blacklist		10	10	21=>DRIBU(DRIBU)		2020050900	Time series plot(see page 4)			
23459			Wind Vector difference (m/s)	Add to blacklist		10	10	21=>DRIBU(DRIBU)		2020051000	Time series plot(see page 4)			
52085			Wind Vector difference (m/s)	Add to blacklist		10	10	21=>DRIBU(DRIBU)		2020051100	Time series plot(see page 4)			
0053041			Wind Vector difference (m/s)	Add to blacklist		10	10	188=>DRIBU(MOORED BUOYS)		2020051900	Time series plot(see page 4)			
1501629			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2020051800	Time series plot(see page 4)			
1601700			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2020052100	Time series plot(see page 4)			
1701567			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2020050700	Time series plot(see page 4)			
2200186			Surface pressure (Pa)	Add to blacklist		10	10	188=>DRIBU(MOORED BUOYS)		2020052100	Time series plot(see page 4)			
4100729			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2020051700	Time series plot¹			
4101697			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2020051400	Time series plot(see page 4)			
5300555			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2020051900	Time series plot(see page 4)			
5601603			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2020051700	Time series plot(see page 4)			
6100198			Wind Vector difference (m/s)	Add to blacklist		10	10	188=>DRIBU(MOORED BUOYS)		2020052100	Time series plot(see page 4)			
6301676			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2020052100	Time series plot(see page 4)			

¹ <https://stream.ecmwf.int/data/gorax-blue-007/data/scratch/92/c1/get-image-gorax-blue-007-6fe5cac1a363ec1525f54343b6cc9fd8-1RVKeV.png>

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
740153 1			Surface pressure (Pa)	Add to blacklist		10	10	189=>DRIBU(DRIFTING BUOYS)		2020051500	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
230170 8			Surface pressure (Pa)	Remove from blacklist				189=>DRIBU(DRIFTING BUOYS)	2020051900		Time series plot(see page 4)			
410170 8			Surface pressure (Pa)	Remove from blacklist				189=>DRIBU(DRIFTING BUOYS)	2020051900		Time series plot(see page 4)			
410177 1			Surface pressure (Pa)	Remove from blacklist				189=>DRIBU(DRIFTING BUOYS)	2020051900		Time series plot(see page 4)			
440153 9			Surface pressure (Pa)	Remove from blacklist				189=>DRIBU(DRIFTING BUOYS)	2020051900		Time series plot(see page 4)			
470054 6			Surface pressure (Pa)	Remove from blacklist				189=>DRIBU(DRIFTING BUOYS)	2020051900		Time series plot(see page 4)			
480165 4			Surface pressure (Pa)	Remove from blacklist				189=>DRIBU(DRIFTING BUOYS)	2020051900		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
2GNG3	2Gng3		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050800	Time series plot(see page 4)			
44030	44030		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051700	Time series plot(see page 4)			
9V5600	9V5600		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051500	Time series plot(see page 4)			
9V9288	9V9288		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050800	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
9V9404	9V9404		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052000	Time series plot(see page 4)			
9VBP8	9Vbp8		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
C6AB8			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2020050700	Time series plot(see page 4)			
C6AX3	C6Ax3		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051800	Time series plot(see page 4)			
C6CS9	C6Cs9		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051100	Time series plot(see page 4)			
C6DF6	C6Df6		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052000	Time series plot(see page 4)			
C6DP5	C6Dp5		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050700	Time series plot(see page 4)			
C6Zi9	C6Zi9		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050800	Time series plot(see page 4)			
CFL24	Cfl24		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052000	Time series plot(see page 4)			
EUCDE08	Eucde08		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051400	Time series plot(see page 4)			
J8QX8	J8Qx8		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051900	Time series plot(see page 4)			
KGTX	Kgtx		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051900	Time series plot(see page 4)			
LAHR7	Lahr7		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051000	Time series plot(see page 4)			
ONFN	Onfn		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050900	Time series plot(see page 4)			
ONGI	Ongi		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
ONIK	Onik		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050700	Time series plot(see page 4)			
OUII2	Ouji2		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051000	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
OYIK2	Oyik2		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
PCHF	Pchf		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
S6DU3	S6Du3		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051600	Time series plot(see page 4)			
S6DU6	S6Du6		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
TBWUK48	Tbwuk48		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
UCQX	UcqX		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
V7QJ5			Surface pressure (Pa)	Add to blacklist		10	10	11=>SHIP(SHIP)		2020051100	Time series plot(see page 4)			
VRFB8	Vrfb8		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051700	Time series plot(see page 4)			
VRMO4	Vrmo4		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
VRNB4	Vrnb4		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051600	Time series plot(see page 4)			
VRQK3	Vrqk3		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020052100	Time series plot(see page 4)			
VRRD2	Vrrd2		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051600	Time series plot(see page 4)			
VRRL7	Vrrl7		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051900	Time series plot(see page 4)			
VRTB6	Vrtb6		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020051100	Time series plot(see page 4)			
WDJ4194	Wdj4194		Surface pressure (Pa)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050900	Time series plot(see page 4)			
WMCU	Wmcu		Wind Vector difference (m/s)	Add to blacklist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2020050700	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 Comparision	Position
9V5392			Surface pressure (Pa)	Remove from blacklist				11=>SHIP(SHIP)	2020051900		Time series plot(see page 4)			
C6DT6			Surface pressure (Pa)	Remove from blacklist				9=>SHIP(Abbreviated SHIP)	2020051900		Time series plot(see page 4)			
C6FV8			Surface pressure (Pa)	Remove from blacklist				9=>SHIP(Abbreviated SHIP)	2020051900		Time series plot(see page 4)			
EUCFR 15			V10m (m/s)	Remove from blacklist				13=>SHIP(Automatic SHIP)	2020051900		Time series plot(see page 4)			
EUCFR 15			U10m (m/s)	Remove from blacklist				13=>SHIP(Automatic SHIP)	2020051900		Time series plot(see page 4)			
PBAD			Surface pressure (Pa)	Remove from blacklist				11=>SHIP(SHIP)	2020051900		Time series plot(see page 4)			
WDC69 23			Surface pressure (Pa)	Remove from blacklist				11=>SHIP(SHIP)	2020051900		Time series plot(see page 4)			
WDC69 23			Surface pressure (Pa)	Remove from blacklist				9=>SHIP(Abbreviated SHIP)	2020051900		Time series plot(see page 4)			

2.4 METAR

2.4.1 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 Comparision	Position
OPPG			Surface pressure (Pa)	Add to blacklist		10	10	140=>METAR(MET AR)		2020051900	Time series plot(see page 4)			
VECX			Surface pressure (Pa)	Add to blacklist		10	10	140=>METAR(MET AR)		2020051700	Time series plot(see page 4)			

2.4.2 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
SPST			Surface pressure (Pa)	Remove from blacklist				140=>METAR(METAR)	2020051900		Time series plot(see page 4)			

2.5 TEMP

2.5.1 Add

2.5.2 Remove

2.6 PILOT

2.6.1 Add

2.6.2 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
73110	Shearwater Ua, Ns	Canada	Vcomp (m/s)	Remove from blacklist		0	400	91=>PILOT(Land PILOT)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
73110	Shearwater Ua, Ns	Canada	Ucomp (m/s)	Remove from blacklist		0	400	91=>PILOT(Land PILOT)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
73110	Shearwater Ua, Ns	Canada	Vcomp (m/s)	Remove from blacklist		400	700	91=>PILOT(Land PILOT)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
73110	Shearwater Ua, Ns	Canada	Ucomp (m/s)	Remove from blacklist		400	700	91=>PILOT(Land PILOT)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)

2.7 AIREP

2.7.1 Add

2.7.2 Remove

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
00000500			Ucomp (m/s)	Add to blacklist	Evaluation by Bruce I.			148=>TAMDA(TAM DAR)		2020051900	Time series plot(see page 4)			
00000500			Vcomp (m/s)	Add to blacklist	Evaluation by Bruce I.			148=>TAMDA(TAM DAR)		2020051900	Time series plot(see page 4)			
00001034			Temperature (k)	Add to blacklist	Evaluation by Bruce I.			148=>TAMDA(TAM DAR)		2020051900	Time series plot(see page 4)			
XIZX1KBA			Wind Vector difference (m/s)	Add to blacklist				146=>AMDAR(WIGOS AMDAR)		2020051900	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
00000105			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMD AR)	2020051900		Time series plot(see page 4)			
00000105			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMD AR)	2020051900		Time series plot(see page 4)			
00000284			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMD AR)	2020051900		Time series plot(see page 4)			
00000284			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMD AR)	2020051900		Time series plot(see page 4)			
00000295			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMD AR)	2020051900		Time series plot(see page 4)			
00000295			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMD AR)	2020051900		Time series plot(see page 4)			
00000295			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMD AR)	2020051900		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
00000302			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000302			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000302			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000310			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000315			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000315			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000326			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000326			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000386			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000386			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000386			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000397			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000397			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000397			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000399			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000399			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		Time series plot(see page 4)			
00000402			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDR)	2020051900		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
00000402			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00000405			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00000405			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00000405			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00000408			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00000408			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040123			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040123			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040188			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040188			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040253			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040253			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040253			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040295			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040295			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040295			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040299			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		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
00040299			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040338			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040338			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040338			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040339			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040339			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040355			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051200		Time series plot(see page 4)			
00040355			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051200		Time series plot(see page 4)			
00040371			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040371			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040448			Temperature (k)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040448			Vcomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
00040448			Ucomp (m/s)	Remove from blacklist		0	500	144=>AMDAR(AMDAR)	2020051900		Time series plot(see page 4)			
All			Vcomp (m/s) Ucomp (m/s) Temperature (k)	Remove from blacklist	Evaluation by Bruce I.			148=>TAMDAR(TAMDAR)	2020051900		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 Comparison	Position
10169	Rostock (Radar)	Germany	Vcomp (m/s)	Add to whitelist		400	700	96=>PROF(European Wind Profiler)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
10169	Rostock (Radar)	Germany	Ucomp (m/s)	Add to whitelist		400	700	96=>PROF(European Wind Profiler)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
12843	Budapest/Pestszentlorinc	Hungary	Vcomp (m/s)	Add to whitelist		400	700	96=>PROF(European Wind Profiler)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
12843	Budapest/Pestszentlorinc	Hungary	Ucomp (m/s)	Add to whitelist		400	700	96=>PROF(European Wind Profiler)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
47406	Rumoi	Japan	Vcomp (m/s)	Add to whitelist		0	400	96=>PROF(Japanese Wind Profiler)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
47406	Rumoi	Japan	Ucomp (m/s)	Add to whitelist		0	400	96=>PROF(Japanese Wind Profiler)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
47590	Sendai (47590-0)	Japan	Vcomp (m/s)	Add to whitelist		0	400	96=>PROF(Japanese Wind Profiler)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)
47590	Sendai (47590-0)	Japan	Ucomp (m/s)	Add to whitelist		0	400	96=>PROF(Japanese Wind Profiler)	2020051900		Time series plot(see page 4)	Vertical Profile Plot(see page 4)		Maps view(see page 4)

3.1.2 Remove

3.2 TEMP

3.2.1 Add

3.2.2 Remove

3.3 PILOT

3.3.1 Add

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 Comparision	Position
70333	Port Heiden	United States (The)	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparision(see page 4)	Maps view(see page 4)
81732	Autazes	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparision(see page 4)	Maps view(see page 4)
81752	Parnaiba (81752-0)	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparision(see page 4)	Maps view(see page 4)
81859	81859		All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparision(see page 4)	
81940	Conceicao Do Araguaia (81940-0)	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparision(see page 4)	Maps view(see page 4)
81952	81952		All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparision(see page 4)	
81953	Arco Verde	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparision(see page 4)	Maps view(see page 4)
81991	Petrolina (81991-0)	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				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
81997	Sao Luis Do Quitunde	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86612	Queimadas	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86629	Formoso Do Araguaia	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86631	86631		All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	
86642	Vilhena	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86645	Sorriso	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86692	Posse (86692-0)	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86696	Brumado	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86724	Una (86724-0)	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86726	86726		All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	
86731	86731		All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	
86784	Mantena	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86814	Jales	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				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 Comparison	Position
86830	Vitoria (86830-0)	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86836	Rio Brilhante	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86868	Piracicaba	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86888	Teresopolis	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86891	Macaé	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86903	Joaquim Tavora	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86907	Sorocaba (86907-0)	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86915	86915		All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	
86967	Sao Jose Dos Ausentes	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
86994	Mostardas (86994-0)	Brazil	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)
94816	Keith	Australia	All parameters	Add to whitelist				170=>SYNOP(BUFR LAND SYNOP)	2020052400				Multi Centre Comparison(see page 4)	Maps view(see page 4)

3.4.2 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
72327	Nashville/ Metropolitan, Tn.	United States (The)	Surface pressure (Pa)	Remove from whitelist		10	10	170=>SYNOP(BUFR LAND SYNOP)		2020051700	Time series plot(s) ee page 4)		Multi Centre Comparison(see page 4)	Maps view(s) ee page 4)