

## ECMWF Conventional Observation Data Selection Proposal: 2021120200

*This paper has not been published  
and has only a very limited circulation.*

*Permission to quote from it should be  
obtained from the ECMWF*

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

# 1 Table of Contents

<b>1</b>	<b>Table of Contents</b>	<b>2</b>
<b>2</b>	<b>Denylists</b>	<b>4</b>
2.1	SYNOP	4
2.1.1	Add	4
2.1.2	Remove	4
2.2	DRIBU	5
2.2.1	Add	5
2.2.2	Remove	7
2.3	SHIP	7
2.3.1	Add	7
2.3.2	Remove	9
2.4	METAR	9
2.4.1	Add	9
2.4.2	Remove	9
2.5	TEMP	10
2.5.1	Add	10
2.5.2	Remove	10
2.6	PILOT	10
2.6.1	Add	10
2.6.2	Remove	12
2.7	AIREP	12
2.7.1	Add	12
2.7.2	Remove	12
2.8	AMDAR	12
2.8.1	Add	12
2.8.2	Remove	12
2.9	ACARS	13
2.9.1	Add	13
2.9.2	Remove	13
<b>3</b>	<b>Allowlists</b>	<b>14</b>
3.1	PROFILER	14

3.1.1 Add.....	14
3.1.2 Remove.....	14
3.2 TEMP.....	14
3.2.1 Add.....	14
3.2.2 Remove.....	14
3.3 PILOT.....	14
3.3.1 Add.....	14
3.3.2 Remove.....	14
3.4 SYNOP.....	15
3.4.1 Add.....	15
3.4.2 Remove.....	17

## 2 Denylists

### 2.1 SYNOP

#### 2.1.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
13622	0-20000-0-1 3622	Vlore	Albania	Surface pressure (Pa)	Add to denylist		10	10	170=>SYNOP(BUFR LAND SYNOP)		2021112000	<a href="#">Time series plot(see page 4)</a>		<a href="#">Multi Centre Comparison(see page 4)</a>	<a href="#">Map(see page 4)</a>
24826	0-20000-0-2 4826	Dorozhnyj	Russian Federation	Surface pressure (Pa)	Add to denylist		10	10	170=>SYNOP(BUFR LAND SYNOP)		2021110900	<a href="#">Time series plot(see page 4)</a>		<a href="#">Multi Centre Comparison(see page 4)</a>	<a href="#">Map(see page 4)</a>
31561	0-20000-0-3 1561	Komsomolsk-Na-Amure	Russian Federation	Surface pressure (Pa)	Add to denylist		10	10	170=>SYNOP(BUFR LAND SYNOP)		2021111300	<a href="#">Time series plot(see page 4)</a>		<a href="#">Multi Centre Comparison(see page 4)</a>	<a href="#">Map(see page 4)</a>
35777	0-398-0-357 77	Zhetykonur	Kazakhstan	Surface pressure (Pa)	Add to denylist		10	10	1=>SYNOP(Manual Land SYNOP)		2021111600	<a href="#">Time series plot(see page 4)</a>		<a href="#">Multi Centre Comparison(see page 4)</a>	<a href="#">Map(see page 4)</a>
48955	0-20000-0-4 8955	Pakse	Lao People'S Democratic Republic	Surface pressure (Pa)	Add to denylist		10	10	170=>SYNOP(BUFR LAND SYNOP)		2021111800	<a href="#">Time series plot(see page 4)</a>		<a href="#">Multi Centre Comparison(see page 4)</a>	<a href="#">Map(see page 4)</a>
62120	0-20000-0-6 2120	Gariat El-Sharghia	Libya	Surface pressure (Pa)	Add to denylist		10	10	1=>SYNOP(Manual Land SYNOP)		2021112100	<a href="#">Time series plot(see page 4)</a>		<a href="#">Multi Centre Comparison(see page 4)</a>	<a href="#">Map(see page 4)</a>
97284	0-20000-0-9 7284	Ruteng/Satar Tacik	Indonesia	Surface pressure (Pa)	Add to denylist		10	10	1=>SYNOP(Manual Land SYNOP)		2021111100	<a href="#">Time series plot(see page 4)</a>		<a href="#">Multi Centre Comparison(see page 4)</a>	<a href="#">Map(see page 4)</a>

#### 2.1.2 Remove

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
17038	0-20000-0-1 7038	Trabzon	Turkey	All parameters	Remove from denylist	MultiCentre Intercomparison			1=>SYNOP(Manual Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
21721	0-20000-0-2 1721	Im.Yu.A. Habarova	Russian Federation	All parameters	Remove from denylist	MultiCentre Intercomparison			1=>SYNOP(Manual Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
30127	0-20000-0-3 0127	Tokma	Russian Federation	All parameters	Remove from denylist	MultiCentre Intercomparison			1=>SYNOP(Manual Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
35615	0-20000-0-3 5615	Makat	Kazakhstan	All parameters	Remove from denylist	MultiCentre Intercomparison			3=>SYNOP(Automatic Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
35701	0-20000-0-3 5701	Isatai	Kazakhstan	All parameters	Remove from denylist	MultiCentre Intercomparison			3=>SYNOP(Automatic Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
36403	0-398-0-364 03	Ust-Kamenogorsk	Kazakhstan	All parameters	Remove from denylist	MultiCentre Intercomparison			1=>SYNOP(Manual Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
36871	0-20000-0-3 6871	Karasaysky	Kazakhstan	All parameters	Remove from denylist	MultiCentre Intercomparison			3=>SYNOP(Automatic Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
42588	0-20000-0-4 2588	Dehri	India (Stations North Of Latitude 20~N)	All parameters	Remove from denylist	MultiCentre Intercomparison			1=>SYNOP(Manual Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
60162	0-504-1-601 62	Saidia	Morocco	All parameters	Remove from denylist	MultiCentre Intercomparison			3=>SYNOP(Automatic Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
60172	0-504-1-601 72	Sidi Bennour	Morocco	All parameters	Remove from denylist	MultiCentre Intercomparison			3=>SYNOP(Automatic Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
60224	0-504-1-602 24	Taouate	Morocco	All parameters	Remove from denylist	MultiCentre Intercomparison			3=>SYNOP(Automatic Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
68918	0-20000-0-6 8918	Hermanus	South Africa	All parameters	Remove from denylist	MultiCentre Intercomparison			3=>SYNOP(Automatic Land SYNOP)	2021112200		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>

## 2.2 DRIBU

### 2.2.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
2601710				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021110900	<a href="#">Time series plot(see page 4)</a>			
3301523				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111200	<a href="#">Time series plot(see page 4)</a>			
4101752				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111800	<a href="#">Time series plot(see page 4)</a>			
4101777				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111000	<a href="#">Time series plot(see page 4)</a>			
4402509				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111600	<a href="#">Time series plot(see page 4)</a>			
4402714				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111200	<a href="#">Time series plot(see page 4)</a>			
4402716				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111000	<a href="#">Time series plot(see page 4)</a>			
4601599				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111500	<a href="#">Time series plot(see page 4)</a>			
4602731				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111900	<a href="#">Time series plot(see page 4)</a>			
4701735				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021110900	<a href="#">Time series plot(see page 4)</a>			
5102790				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021112100	<a href="#">Time series plot(see page 4)</a>			
6100196				Wind Vector difference (m/s)	Add to denylist		10	10	188=>DRIBU(MOORED BUOYS)		2021112000	<a href="#">Time series plot(see page 4)</a>			
6203507				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111900	<a href="#">Time series plot(see page 4)</a>			
6203601				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021110800	<a href="#">Time series plot(see page 4)</a>			
6203607				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021111600	<a href="#">Time series plot(see page 4)</a>			
6204582				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021110700	<a href="#">Time series plot(see page 4)</a>			
6204585				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021112100	<a href="#">Time series plot(see page 4)</a>			

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
6204586				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021110700	<a href="#">Time series plot(see page 4)</a>			
6204588				Surface pressure (Pa)	Add to denylist		10	10	189=>DRIBU(DRIFTING BUOYS)		2021112000	<a href="#">Time series plot(see page 4)</a>			

## 2.2.2 Remove

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
2300593				Surface pressure (Pa)	Remove from denylist				189=>DRIBU(DRIFTING BUOYS)	2021111600		<a href="#">Time series plot(see page 4)</a>			
3101511				Surface pressure (Pa)	Remove from denylist				189=>DRIBU(DRIFTING BUOYS)	2021111600		<a href="#">Time series plot(see page 4)</a>			
3301603				Surface pressure (Pa)	Remove from denylist				189=>DRIBU(DRIFTING BUOYS)	2021111600		<a href="#">Time series plot(see page 4)</a>			
6101007				V10m (m/s)	Remove from denylist				188=>DRIBU(MOORED BUOYS)	2021111600		<a href="#">Time series plot(see page 4)</a>			
6101007				U10m (m/s)	Remove from denylist				188=>DRIBU(MOORED BUOYS)	2021111600		<a href="#">Time series plot(see page 4)</a>			
6203634				Surface pressure (Pa)	Remove from denylist				189=>DRIBU(DRIFTING BUOYS)	2021111600		<a href="#">Time series plot(see page 4)</a>			

## 2.3 SHIP

### 2.3.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
3FXM3		3Fxm3		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111500	<a href="#">Time series plot(see page 4)</a>			
46184				Wind Vector difference (m/s)	Add to denylist		10	10	13=>SHIP(Automatic SHIP)		2021112100	<a href="#">Time series plot(see page 4)</a>			
7JVV		7Jvv		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112000	<a href="#">Time series plot(see page 4)</a>			

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
7KEP		7Kep		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112100	<a href="#">Time series plot(see page 4)</a>			
9HA5197		9Ha5197		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112000	<a href="#">Time series plot(see page 4)</a>			
9V2313		9V2313		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111500	<a href="#">Time series plot(see page 4)</a>			
9V3706		9V3706		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021110700	<a href="#">Time series plot(see page 4)</a>			
9V5456		9V5456		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111700	<a href="#">Time series plot(see page 4)</a>			
9V8190		9V8190		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111300	<a href="#">Time series plot(see page 4)</a>			
9V8190		9V8190		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112000	<a href="#">Time series plot(see page 4)</a>			
9V9143		9V9143		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111700	<a href="#">Time series plot(see page 4)</a>			
AMOUK50		Amouk50		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112000	<a href="#">Time series plot(see page 4)</a>			
C6YA5		C6Ya5		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021110900	<a href="#">Time series plot(see page 4)</a>			
C6YA5		C6Ya5		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111000	<a href="#">Time series plot(see page 4)</a>			
CKR759		Ckr759		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112000	<a href="#">Time series plot(see page 4)</a>			
LOCW		Locw		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112100	<a href="#">Time series plot(see page 4)</a>			
SJA4RSK		Sja4Rsk		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112100	<a href="#">Time series plot(see page 4)</a>			
UBBO5		Ubbo5		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021110700	<a href="#">Time series plot(see page 4)</a>			
UBSW9		Ubsw9		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111700	<a href="#">Time series plot(see page 4)</a>			
V7EQ4		V7Eq4		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112100	<a href="#">Time series plot(see page 4)</a>			



Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
V7OE6		V7Oe6		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111400	<a href="#">Time series plot(see page 4)</a>			
VROX5		Vrox5		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111200	<a href="#">Time series plot(see page 4)</a>			
VRRX9		Vrrx9		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021111400	<a href="#">Time series plot(see page 4)</a>			
WUKJN8R		Wukjn8R		Wind Vector difference (m/s)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112000	<a href="#">Time series plot(see page 4)</a>			
YQB5QNN		Yqb5Qnn		Surface pressure (Pa)	Add to denylist		10	10	182=>SYNOP(BUFR SHIP SYNOP)		2021112000	<a href="#">Time series plot(see page 4)</a>			

### 2.3.2 Remove

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
C6SY3				Surface pressure (Pa)	Remove from denylist				9=>SHIP(Abbreviated SHIP)	2021111600		<a href="#">Time series plot(see page 4)</a>			
UHXO				Surface pressure (Pa)	Remove from denylist				9=>SHIP(Abbreviated SHIP)	2021110900		<a href="#">Time series plot(see page 4)</a>			
VRLI7				Surface pressure (Pa)	Remove from denylist				11=>SHIP(SHIP)	2021111600		<a href="#">Time series plot(see page 4)</a>			
VRLI7				Surface pressure (Pa)	Remove from denylist				11=>SHIP(SHIP)	2021110900		<a href="#">Time series plot(see page 4)</a>			

## 2.4 METAR

### 2.4.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
MMMV				Surface pressure (Pa)	Add to denylist		10	10	140=>METAR(METAR)		2021111200	<a href="#">Time series plot(see page 4)</a>			

### 2.4.2 Remove

## 2.5 TEMP

### 2.5.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
42724	0-20000-0-42724	Agartala	India (Stations North Of Latitude 20~N)	Wind Vector difference (m/s)	Add to denylist	Block as done for PILOT counterpart			101=>TEMP(Land TEMP)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
48407	0-20000-0-48407	Ubon Ratchathani	Thailand	Wind Vector difference (m/s)	Add to denylist	Block as done for PILOT counterpart			101=>TEMP(Land TEMP)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
71701	0-20000-0-71701	Gagetown Awos A, Nb	Canada	Wind Vector difference (m/s)	Add to denylist	Block as done with PILOT counterpart			101=>TEMP(Land TEMP)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>

### 2.5.2 Remove

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
06011	0-20000-0-06011	Torshavn	Denmark	Temperature (k)	Remove from denylist		700	1013	101=>TEMP(Land TEMP)	2021111600		<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>	<a href="#">Multi Centre Comparison(see page 4)</a>	<a href="#">Map(see page 4)</a>

## 2.6 PILOT

### 2.6.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
41506	0-20000-0-41506	Chitral	Pakistan	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
41515	0-20000-0-41515	Drosh	Pakistan	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
41529	0-20000-0-41529	Peshawar	Pakistan	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
41624	0-20000-0-41624	Dera Ismail Khan	Pakistan	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
41715	0-20000-0-4 1715	Jacobabad	Pakistan	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
42724	0-20000-0-4 2724	Agartala	India (Stations North Of Latitude 20~N)	Wind Vector difference (m/s)	Add to denylist	by Bruce Ingleby			91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
48431	0-20000-0-4 8431	Nakhon Ratchasima	Thailand	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
71701	0-20000-0-7 1701	Gagetown Awos A, Nb	Canada	Wind Vector difference (m/s)	Add to denylist	by Bruce Ingleby			91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
96075	0-20000-0-9 6075	Gunung Sitoli/ Binaka	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
96109	0-20000-0-9 6109	Pekan Baru/ Simpangtiga	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
96145	0-20000-0-9 6145	Tarempa	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
96207	0-20000-0-9 6207	Kerinci/Depati Parbo	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
96221	0-20000-0-9 6221	Palembang/St. M. Badarudin li	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
96595	0-20000-0-9 6595	Muara Teweh/ Beringin	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
97028	0-20000-0-9 7028	Toli-Toli/Lalos	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
97120	0-20000-0-9 7120	Majene	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
97192	0-20000-0-9 7192	Bau-Bau/Beto Ambari	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
97270	0-20000-0-9 7270	Bima/ M.Salahuddin	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
97340	0-20000-0-9 7340	Waingapu/Mau Hau	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>
97748	0-20000-0-9 7748	Geser	Indonesia	Wind Vector difference (m/s)	Add to denylist				91=>PILOT(Land PILOT)		2021112300	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>

## 2.6.2 Remove

## 2.7 AIREP

### 2.7.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
1JI1NGBA				Wind Vector difference (m/s)	Add to denylist				151=>AIREP(ADS-C)		2021111200	<a href="#">Time series plot(see page 4)</a>			
GXZAOHRA				Wind Vector difference (m/s)	Add to denylist				151=>AIREP(ADS-C)		2021111000	<a href="#">Time series plot(see page 4)</a>			
YUEIMERA				Wind Vector difference (m/s)	Add to denylist				151=>AIREP(ADS-C)		2021111500	<a href="#">Time series plot(see page 4)</a>			

### 2.7.2 Remove

## 2.8 AMDAR

### 2.8.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
EU1823				Temperature (k)	Add to denylist				146=>AMDAR(WIGOS AMDAR)		2021112100	<a href="#">Time series plot(see page 4)</a>			

### 2.8.2 Remove

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
00000251				Temperature (k)	Remove from denylist		0	500	144=>AMDAR(AMDAR)	2021110900		<a href="#">Time series plot(see page 4)</a>			
00000303				Vcomp (m/s)	Remove from denylist		0	500	144=>AMDAR(AMDAR)	2021111600		<a href="#">Time series plot(see page 4)</a>			

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
00000303				Ucomp (m/s)	Remove from denylist		0	500	144=>AMDAR(AMDAR)	2021111600		<a href="#">Time series plot(see page 4)</a>			
ONHWUW JA				Temperature (k)	Remove from denylist		0	500	146=>AMDAR(WIGOS AMDAR)	2021111600		<a href="#">Time series plot(see page 4)</a>			
CN....				Temperature (k)	Remove from denylist	Chinese Amdars Improve	0	850	146=>AMDAR(WIGOS AMDAR)	2021112200		<a href="#">Time series plot(see page 4)</a>			
CN....				Ucomp (m/s)	Remove from denylist	Chinese Amdars Improve	0	850	146=>AMDAR(WIGOS AMDAR)	2021112200		<a href="#">Time series plot(see page 4)</a>			
CN....				Vcomp (m/s)	Remove from denylist	Chinese Amdars Improve	0	850	146=>AMDAR(WIGOS AMDAR)	2021112200		<a href="#">Time series plot(see page 4)</a>			
XIZX1KBA				Vcomp (m/s)	Remove from denylist		0	500	146=>AMDAR(WIGOS AMDAR)	2021111600		<a href="#">Time series plot(see page 4)</a>			
XIZX1KBA				Ucomp (m/s)	Remove from denylist		0	500	146=>AMDAR(WIGOS AMDAR)	2021111600		<a href="#">Time series plot(see page 4)</a>			

## 2.9 ACARS

### 2.9.1 Add

### 2.9.2 Remove

### 3 Allowlists

#### 3.1 PROFILER

##### 3.1.1 Add

##### 3.1.2 Remove

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
01405	0-20000-0-01405	Radar Bømlo	Norway	Wind Vector difference (m/s)	Remove from allowlist		300	600	96=>PROF(European Wind Profiler)		2021112000	<a href="#">Time series plot(see page 4)</a>	<a href="#">Vertical Profile Plot(see page 4)</a>		<a href="#">Map(see page 4)</a>

#### 3.2 TEMP

##### 3.2.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
72318	0-20000-0-72318	Blacksburg, Va.	United States (The)	All parameters	Add to allowlist	MultiCentre Intercomparison/ Bruce I.			109=>TEMP(High Reso land TEMP)	2021112100		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>

##### 3.2.2 Remove

#### 3.3 PILOT

##### 3.3.1 Add

##### 3.3.2 Remove

### 3.4 SYNOP

#### 3.4.1 Add

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
08001	0-20000-0-08001	La Coruna	Spain	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)
08145	0-724-0-00000000000008145	Somosierra	Spain	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)
08479	0-724-0-00000000000008479	Málaga,Puerto	Spain	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)
08481	0-724-0-00000000000008481	Málaga,Cmt	Spain	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)
42874	0-20000-0-42874	Pbo Raipur	India	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)
47150	0-20000-0-47150	Boryeong	Korea, Republic Of	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)
60188	0-504-0-60188	Benguerir	Morocco	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)
60188	0-504-0-60188	Benguerir	Morocco	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112300		Time series plot(see page 4)			Map(see page 4)
62455	0-20000-0-62455	Ras Sedr	Egypt	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)
65387	0-20000-0-65387	Lome	Togo	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)
81831	0-20000-0-81831	Quixeramobim (81831-0)	Brazil	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112200		Time series plot(see page 4)			Map(see page 4)

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
81831	0-20000-0-81831	Quixeramobim (81831-0)	Brazil	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
81868	0-20000-0-81868	Floriano (81868-0)	Brazil	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
84617		84617		All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			
86753	0-20000-0-86753	Rio Verde (86753-0)	Brazil	All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
91245		91245		All parameters	Add to allowlist	MultiCentre Intercomparison			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			
_MI129ef		Cesaru00F2 Vignazza Sias_Dpcn-Sicilia	Italy	All parameters	Add to allowlist	MISTRAL Station			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
_MI15e3c		Campo Ligure_Dpcn-Liguria	Italy	All parameters	Add to allowlist	MISTRAL Station			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
_MI15e4d		S.Bartolomeo Meteo_Dpcn-Campania	Italy	All parameters	Add to allowlist	MISTRAL Station			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
_MI16393		Diga Di Ridracoli_Spdsra	Italy	All parameters	Add to allowlist	MISTRAL Station			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
_MI16431		Cumiana-Pieve_Dpcn-Piemonte	Italy	All parameters	Add to allowlist	MISTRAL Station			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
_MI1832e		Lentini Sias_Dpcn-Sicilia	Italy	All parameters	Add to allowlist	MISTRAL Station			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
_MI18f95		Sestri Levante_Dpcn-Liguria	Italy	All parameters	Add to allowlist	MISTRAL Station			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>
_MI1b8f1		San Benedetto_Dpcn-Marche	Italy	All parameters	Add to allowlist	MISTRAL Station			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>



Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
_MI1d5bf		Manziana_Dpcn-Lazio	Italy	All parameters	Add to allowlist	MISTRAL Station			170=>SYNOP(BUFR LAND SYNOP)	2021112300		<a href="#">Time series plot(see page 4)</a>			<a href="#">Map(see page 4)</a>

### 3.4.2 Remove

Station Id	WIGOS Id	Station Name	Country	varno	Evaluation Action	Comments	Layer top	Layer bottom	Subtype Description	Improved since (YMDH)	Deteriorated since (YMDH)	Plot 1	Plot 2	Plot 3	Position
_MI11b1a		Palazzolo Acreide Sias_Dpcn-Sicilia	Italy	Surface pressure (Pa)	Remove from allowlist	MISTRAL Station	10	10	170=>SYNOP(BUFR LAND SYNOP)		2021112100	<a href="#">Time series plot(see page 4)</a>		<a href="#">Multi Centre Comparison(see page 4)</a>	<a href="#">Map(see page 4)</a>