

ECMWF Conventional Observation Blacklist Proposal: 2020072800

*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

1	Table of Contents.....	2
2	Blacklists.....	3
2.1	Surface Stations Blacklist.....	3
2.2	Radiosonde Blacklist	8
2.2.1	00 UTC.....	8
2.2.2	06 UTC.....	8
2.2.3	12 UTC.....	8
2.2.4	18 UTC.....	9
2.3	Pilot Blacklist.....	9
2.3.1	00 UTC.....	9
2.3.2	06 UTC.....	9
2.3.3	12 UTC.....	9
2.3.4	18 UTC.....	9
2.4	Profiler Blacklist	9
2.4.1	00 UTC.....	9
2.4.2	06 UTC.....	9
2.4.3	12 UTC.....	9
2.4.4	18 UTC.....	9

2 Blacklists

2.1 Surface Stations Blacklist

WMO Id	Station Subindex	New Station Name	New Country	Trend	Evaluation Comments	Position
67308	0	Dindiza_Auto	Mozambique	Significant change in position Significant change in ground height	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
52866	0	Xining (52866-0)	China	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
40573	0	Abraque Mazraa	Kuwait	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
98435	0	Alabat	Philippines	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
16701	0	Athinai (Filadelfia)	Greece	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
89836	0	D-85	United States (The)	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
58321	0	Hefei	China	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
35225	0	Martuk	Kazakhstan	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
98334	0	Baler Radar	Philippines	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
53698	0	Shijiazhuang	China	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
50983	0	Hulin	China	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
54027	0	Lindong	China	Significant change in position	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
59254	0	Guiping	China	Significant change in ground height	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
98427	0	Tayabas	Philippines	Significant change in ground height	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
_3760085	0	Neot Smadar	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3760173	0	Sedom	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_37601fc	0	Deir Hanna	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3760a60	0	Mahanayim Airport IAA	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3760f5b	0	Metzoke Dragot	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
67226	0	Madjedje_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
_3761354	0	Tel Aviv Coast	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	

WMO Id	Station Subindex	New Station Name	New Country	Trend	Evaluation Comments	Position
_3761398	0	Nahshon	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_37617e6	0	Ramon Airport IAA	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
67328	0	Combomune C.F.M_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
_3761c0c	0	Haifa University	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3761f7d	0	Avdat	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
12988	0	Szarvas	Hungary	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67306	0	Massangena_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
_376211b	0	Dafna	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3762b41	0	Hafez Hayyim	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
12984	0	Szentes	Hungary	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67219	0	Maua_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
89665	0	Scott Base	New Zealand	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
12990	0	Orosháza	Hungary	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67307	0	Alto-Changane_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
08384	0	El Arenosillo	Spain	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67269	0	Fingoe_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67258	0	Gile_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67319	0	Panda_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67337	0	Changalane_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67318	0	Maniquenique_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67211	0	Marrupa_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
67275	0	Entre Rios Malema_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)
_376325a	0	Lahav	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
67329	0	Inhambane_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map(see page 3)

WMO Id	Station Subindex	New Station Name	New Country	Trend	Evaluation Comments	Position
67254	0	Macossa_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
67326	0	Xai-Xai_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
_376340e	0	Zemah	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
67311	0	Massinga	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
67202	0	Cuamba_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
_37634fe	0	Rosh Haniqra	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
67248	0	Estima_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
_3763c74	0	Gamla	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
67267	0	Zumbo_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
_37643c1	0	Haifa Airport IAA	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
67348	0	Umbeluzi_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
_37644e5	0	Maale Gilboa	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
12875	0	Folyás	Hungary	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
12880	0	Debrecen Kismacs	Hungary	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
12790	0	Vásárosnamény	Hungary	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
67209	0	Mecula_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
67293	0	Caia (Vila Fontes)_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
67287	0	Chibabava_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
67265	0	Namarroi_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
67208	0	Mueda_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
67252	0	Songo_Auto	Mozambique	New sub station	Blacklist this substation and monitor to unblacklist again	See on Map (see page 3)
_376456c	0	Afula Nir Haemeq	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_37645de	0	Jerusalem Centre	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3764670	0	Qarne Shomeron	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	

WMO Id	Station Subindex	New Station Name	New Country	Trend	Evaluation Comments	Position
_37648aa	0	Dorot	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3764dbe	0	Merom Golan Picman	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_37650b7	0	En Gedi	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_37651aa	0	Elat	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376531d	0	Yotvata	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3765400	0	Nevatim	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_37654ee	0	Galed	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3765729	0	Massada	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_37657c8	0	Qevuzat Yavne	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3765b7b	0	Newe Yaar	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3765e40	0	Arad	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376618a	0	Zikhron Yaaqov	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376646e	0	Rosh Zurim	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3766b2c	0	Besor Farm	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3766fe9	0	Zomet Hanegev	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_37670fe	0	Avne Etan	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3767434	0	Nizzan	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_37678b6	0	Kefar Nahum	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3767eee	0		Jerusalem Givat Ram	New sub station	Blacklist this substation and monitor to unblacklist again	
_376845a	0	Gilgal	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3768970	0	Hazeva	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3768bb9	0	Shave Ziyyon	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3768d9d	0	Har Harasha	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3768f44	0	Bet Dagan	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	

WMO Id	Station Subindex	New Station Name	New Country	Trend	Evaluation Comments	Position
_37690c4	0	Herzliyya Airport IAA	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3769946	0	Haifa Technion	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_3769acc	0	Bet Haarava	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376a083	0	Lod Airport IAA	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376a406	0	Paran	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376a432	0	Ariel	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376a4c4	0	Ammiad	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376a4ce	0	Eden Farm	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376a55c	0	Maale Adummim	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376a694	0	Maale Adummim	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376ac32	0	Hakfar Hayarok	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376ad1c	0	Zefat Har Kenaan	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376bc78	0	Netiv Halamed He	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376c07d	0	Beit Jimal	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376c16a	0	Harashim	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376c55a	0	Sede Eliyyahu	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376c5fe	0	Elon	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376c677	0	Hadera Port	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376c7c9	0	Yavneel	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376ccf3	0	Eshhar	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376cf5c	0	Kefar Giladi	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376cf89	0	Zova	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376d20f	0	Itamar	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376daa4	0	Haifa Refineries	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	

WMO Id	Station Subindex	New Station Name	New Country	Trend	Evaluation Comments	Position
_376dbed	0	Ezuz	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376ddb9	0	En Karmel	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376dfa1	0	Sede Boqer	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376e04d	0	Mizpe Ramon	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376e363	0	Beer Sheva	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376e574	0	En Hashofet	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376e993	0	Gat	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376ea2f	0	Negba	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376ee85	0	Tel Yosef	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376eed0	0	En Hahoreshe	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376f158	0	Shani	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376fb9d	0	Ayyelet Hashahar	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376fc60	0	Bet Zayda	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376fe25	0	Ashqelon Port	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376ff2e	0	Tavor Kadoorie	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376ff7f	0	Afeq	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_376ffd1	0	Ashdod Port	Israel	New sub station	Blacklist this substation and monitor to unblacklist again	
_75605cf	0	BIASCA	Switzerland	New sub station	Blacklist this substation and monitor to unblacklist again	

2.2 Radiosonde Blacklist

2.2.1 00 UTC

2.2.2 06 UTC

2.2.3 12 UTC

2.2.4 18 UTC

2.3 Pilot Blacklist

2.3.1 00 UTC

2.3.2 06 UTC

2.3.3 12 UTC

2.3.4 18 UTC

2.4 Profiler Blacklist

2.4.1 00 UTC

2.4.2 06 UTC

2.4.3 12 UTC

2.4.4 18 UTC