

## Weather Radar Wind Data Assimilation

**Weather Wind Radars used at:- UK Met Office**

Meteo France

DWD - COSMO - Passive only

ECMWF

SMHI - Passive only

Meteo Swiss - COSMO-7

Valid From:

21 June 2016

12 May 2016

October 2015

15 Jun 2016

01.06.2009

01.08.2012

Key-Assimilation
Yes-No Restrictions
Yes-Restrictions
Previously assimilated
Never assimilated

WMO	Profiler Site	Type	Frequency *	Met Office			M-France	DWD	ECMWF	SMHI	MeteoSwiss
				Assimilated Now	Restrictions	Previous Month**					
1018	Andoya	VAD		Prev		Prev	Yes	No	Yes	No	No
1042	Hasvik	VAD		YES-R	Accepted for all times between 350hPa and 800hPa	YES-R	Yes	No	No	No	No
1079	Berlevaag	VAD		YES-R	Accepted for all times between 350hPa and 800hPa	YES-R	Yes	No	Yes	No	No
1104	Rost	VAD		YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for all times below 700hPa	YES-R	Yes	No	Yes	No	No
1206	Stad	VAD		YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for all times below 700hPa	YES-R	Yes	No	No	No	No
1247	Rissa	VAD		YES-R	Accepted for all times between 350hPa and 800hPa	YES-R	Yes	No	Yes	No	No
1405	Boemlo	VAD		YES-R	Accepted for all times between 350hPa and 800hPa and Rejected for all times below 950hPa and Rejected for 12Z below 850hPa (from 9h to 14h)	YES-R	Yes	No	Yes	No	No
1438	Haegebostad	VAD		YES-R	Accepted for all times between 350hPa and 800hPa	YES-R	Yes	Yes	Yes	No	No
1498	Hurum	VAD		YES-R	Accepted for all times between 350hPa and 800hPa	YES-R	Yes	No	Yes	No	No
2032	Kiruna	VVP		YES-R	Accepted for all times between 400hPa and 900hPa and Rejected for 12Z above 400hPa (from 9h to 14h) and Rejected for 06Z above 500hPa (from 3h to 8h)	YES-R	Yes	Yes	Yes	Yes	No
2092	Lulea	VVP		YES-R	Accepted for all times between 400hPa and 900hPa and Rejected for 12Z above 500hPa (from 9h to 14h)	YES-R	Yes	Yes	Yes	Yes	No
2200	Ostersund	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	Yes	Yes	No
2262	Ornskoldsvik	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	Yes	Yes	No
2334	Hudiksvall	VVP		YES-R	Accepted for all times between 400hPa and 900hPa and Rejected for all times above 400hPa	YES-R	Yes	Yes	Yes	Yes	No
2430	Leksand	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	Yes	Yes	No

2451	Arlanda	VVP		YES-R	Accepted for all times between 400hPa and 900hPa and Rejected for all times above 400hPa and Rejected for 18Z above 500hPa (from 15h to 20h)	YES-R	Yes	Yes	Yes	Yes	No
2570	Vilebo	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	Yes	Yes	No
2588	Ase	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	Yes	Yes	No
2600	Vara	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	No	Yes	No
2606	Angelholm	VVP		Prev		Prev	Yes	Yes	No	Yes	No
2666	Karlskrona	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	Yes	Yes	No
2775	Petäjavesi	VVP		Prev		Prev	Yes	No	Yes	No	No
2840	Luosto	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	No	Yes	Yes	No
2870	Utajarvi	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	Yes	Yes	Yes	No
2918	Kuopio	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	Yes	Yes	Yes	No
2925	Vimpeli	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	Yes	Yes	Yes	No
2933	Korpo	VVP		YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for 06Z above 600hPa (from 3h to 8h) and Rejected for 00Z below 850hPa (from 21h to 24h) and Rejected for 00Z below 850hPa (from 0h to 2h)	YES-R	Yes	Yes	Yes	Yes	No
2941	Ikaalinen	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	Yes	Yes	Yes	No
2954	Anjalankoski	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	Yes	Yes	Yes	No
2975	Vantaa	VVP		YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for 00Z below 850hPa (from 21h to 24h) and Rejected for 00Z below 850hPa (from 0h to 2h)	YES-R	Yes	No	Yes	Yes	No
2995	Kesalahti	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	No	Yes	No	No
3018	Druim-A-Starraig	VAD		Prev		Prev	Yes	No	No	No	No
3086	Hill of Dudwick	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	No	No	No
3142	Holehead	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	No	No	No
3159	Munduff Hill	VAD		Prev		Prev	Yes	No	No	No	No
3253	High Moorsley	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	No	No	No
3331	Hameldon Hill	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	No	No	No
3375	Ingham	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	No	No	No
3523	Clee Hill	VAD		YES-R	Accepted for all times between 400hPa and 900hPa and Rejected for 18Z above 700hPa (from 15h to 20h)	YES-R	Yes	No	No	No	No
3601	Crug-Y-Gorllwyn	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	No	No	No
3675	Chenies	VAD		YES-R	Accepted for all times between 400hPa and	YES-R	Yes	Yes	Yes	No	No

3771	Thurnham	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	No	No	No
3813	Predannack	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	Yes	No	No
3842	Cobbacombe	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	Yes	No	No
3859	Dean Hill	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	Yes	No	No
3897	Jersey	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	No	No	No
3918	Castor bay	VAD		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	No	No	Yes	No	No
3962	Shannon	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	No	Yes	No	No
3969	Dublin	VVP		YES-R	Accepted for all times between 400hPa and 900hPa and Rejected for all times below 850hPa	YES-R	Yes	Yes	Yes	No	No
6234	Den Helder	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	Yes	No	No
6260	De Bilt	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	No	Yes	Yes	No	No
6451	Zaventum	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	Yes	No	No	No
6477	Wideumont	VVP		Prev		Prev	Yes	Yes	No	No	No
6661	Albis	VAD	5450	Prev		Prev	Yes	Yes	No	No	No
6699	La Dole	VAD	5430	Prev		Prev	Yes	No	No	No	No
6768	Monte Lema	VAD	5455	Prev		Prev	Yes	No	No	No	No
6726	Plaine Morte	VAD	5468	Prev		Prev	Yes	No	No	No	No
6776	Weissfluhgipfel	VAD	5433	Prev		Prev	Yes	No	No	No	No
7145	Trappes	VAD		YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h) and Rejected for all times below 700hPa and Rejected for 00Z above 700hPa (from 21h to 24h) and Rejected for 00Z above 700hPa (from 0h to 2h)	YES-R	Yes	No	Yes	No	No
7182	Nancy	VAD		Prev		Prev	Yes	No	No	No	No
7223	Treillieres	VAD		YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h)	YES-R	Yes	No	No	No	No
7291	Montancy	VAD		YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h) and Rejected for all times all levels	Prev	Yes	No	No	No	No
7336	Cherves	VAD		Prev		Prev	Yes	No	Yes	No	No
7629	Toulouse	VAD		YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h) and Rejected for all times below 700hPa and Rejected for 00Z above 700hPa (from 21h to 24h) and Rejected for 00Z above 700hPa (from 0h to 2h)	YES-R	Yes	No	No	No	No
8007	La Coruna	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 06Z above 600hPa (from 3h to 8h)	YES-R	Yes	No	Yes	No	No
8019	Asturias	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 18Z above 400hPa (from 15h to 20h) and Rejected for 06Z above 600hPa (from 3h to 8h)	YES-R	Yes	No	Yes	No	No

8072	Palencia	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 12Z above 400hPa (from 9h to 14h) and Rejected for 00Z below 850hPa (from 21h to 24h) and Rejected for 00Z below 850hPa (from 0h to 2h)	YES-R	Yes	No	Yes	No	No
8081	Vizcaya	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 06Z below 600hPa (from 3h to 8h) and Rejected for 06Z above 400hPa (from 3h to 8h)	YES-R	Yes	No	Yes	No	No
8162	Zaragoza	VAD		YES-R	Accepted for all times between 400hPa and 950hPa	YES-R	Yes	No	No	No	No
8179	Barcelona	VAD		YES-R	Accepted between 500hPa and 900hPa (from 6h to 18h) and Rejected for 06Z below 500hPa (from 3h to 8h) and Rejected for 00Z below 850hPa (from 21h to 24h) and Rejected for 00Z below 850hPa (from 0h to 2h)	YES-R	Yes	No	No	No	No
8228	Madrid	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 06Z above 600hPa (from 3h to 8h) and Rejected for 00Z above 500hPa (from 21h to 24h) and Rejected for 00Z above 500hPa (from 0h to 2h)	YES-R	Yes	No	No	No	No
8262	Caceres	VAD		YES-R	Accepted for all times between 400hPa and 950hPa	YES-R	Yes	No	Yes	No	No
8289	Valencia	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 06Z between 600hPa and 850hPa (from 3h to 8h)	YES-R	Yes	No	No	No	No
8308	Mallorca	VVP		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 18Z between 500hPa and 700hPa (from 15h to 20h)	YES-R	Yes	No	Yes	No	No
8364	Murcia	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 18Z below 700hPa (from 15h to 20h) and Rejected for 12Z below 700hPa (from 9h to 14h) and Rejected for 00Z below 600hPa (from 21h to 24h) and Rejected for 00Z below 600hPa (from 0h to 2h)	YES-R	Yes	No	No	No	No
8386	Sevilla	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 12Z between 500hPa and 700hPa (from 9h to 14h) and Rejected for 06Z between 500hPa and 700hPa (from 3h to 8h)	YES-R	Yes	No	Yes	No	No
8475	Malaga	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 00Z between 500hPa and 700hPa (from 21h to 24h) and Rejected for 00Z between 500hPa and 700hPa (from 0h to 2h)	YES-R	Yes	No	No	No	No
8489	Almeria	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 06Z below 700hPa (from 3h to 8h) and Rejected for 00Z below 700hPa (from 21h to 24h) and Rejected for 00Z below 700hPa (from 0h to 2h)	YES-R	Yes	No	No	No	No
8550	Cruz Do Leao	VAD		YES-R	Accepted for all times between 400hPa and 950hPa and Rejected for 00Z above 300hPa (from 21h to 24h) and Rejected for 00Z above 300hPa (from 0h to 2h)	YES-R	Yes	No	Yes	No	No
8553	Faro	VVP		YES-R	Accepted for all times between 400hPa and 950hPa	YES-R	Yes	Yes	Yes	No	No

10132	Boostedt	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	Yes	No	No
10169	Rostock	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	Yes	No	No	No
10204	Emden	VVP		YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for all times below 850hPa and Rejected for 18Z below 700hPa (from 15h to 20h) and Rejected for 18Z above 500hPa (from 15h to 20h)	YES-R	Yes	Yes	Yes	No	No
10338	Hannover	VVP		Prev		Prev	Yes	Yes	No	No	No
10356	Ummendorf	VVP		YES-R	Accepted for all times between 400hPa and 900hPa and Rejected for 06Z above 500hPa (from 3h to 8h) and Rejected for 00Z above 500hPa (from 21h to 24h) and Rejected for 00Z above 500hPa (from 0h to 2h)	YES-R	Yes	Yes	Yes	No	No
10392	Protzel	VVP		YES-R	Accepted for all times between 400hPa and 900hPa and Rejected for 06Z above 400hPa (from 3h to 8h) and Rejected for 00Z above 500hPa (from 21h to 24h) and Rejected for 00Z above 500hPa (from 0h to 2h)	YES-R	Yes	No	No	No	No
10410	Essen	VVP		YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for all times below 700hPa	YES-R	Yes	Yes	Yes	No	No
10440	Flechtdorf	VVP		YES-R	Accepted for all times between 400hPa and 900hPa	YES-R	Yes	Yes	Yes	No	No
10487	Dresden	VVP		Prev		Prev	Yes	Yes	No	No	No
10557	Neuhaus Am Rennweg	VVP		Prev		Prev	Yes	Yes	No	No	No
10605	Neuheilenbach	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	No	No	No	No
10629	Offenthal	VVP		Prev		Prev	Yes	Yes	No	No	No
10780	Eisberg	VVP		YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for all times above 500hPa	YES-R	Yes	Yes	No	No	No
10832	Turkheim	VVP		Prev		Prev	Yes	Yes	No	No	No
10873	Isen	VVP		YES-R	Accepted for all times between 400hPa and 900hPa and Rejected for 18Z above 400hPa (from 15h to 20h) and Rejected for 06Z above 500hPa (from 3h to 8h)	YES-R	Yes	Yes	Yes	No	No
10908	Feldberg	VVP		YES-R	Accepted for all times between 400hPa and 700hPa	YES-R	Yes	No	No	No	No
10950	Memmingen	VAD		YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for 18Z below 700hPa (from 15h to 20h)	YES-R	Yes	No	No	No	No
11038	Vienna	VAD		Prev		Prev	Yes	No	No	No	No
11052	Salzburg	VAD		Prev		Prev	Yes	No	No	No	No
11126	Patscherkofel	VAD		Prev		Prev	Yes	No	No	No	No
11164	Zirbitzkogel	VAD		Prev		Prev	Yes	No	No	No	No
11480	Prague	VAD		Prev		Prev	Yes	No	No	No	No
11718	Skalky	VAD		YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for all times below 700hPa and Rejected for 18Z above 400hPa (from 15h to 20h)	YES-R	Yes	No	No	No	No
12151	Gdansk	VVP		YES-R	Accepted for all times between 350hPa and 800hPa and Rejected for 06Z all levels (from 3h to 8h)	YES-R	Yes	No	Yes	No	No
12220	Swidwin	VVP		YES-R	Accepted for all times between 350hPa and 800hPa and Rejected for 06Z all levels (from 3h to 8h)	YES-R	Yes	No	Yes	No	No

12331	Poznan	VVP	YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h) and Rejected for 06Z below 700hPa (from 3h to 8h) and Rejected for 00Z all levels (from 21h to 24h) and Rejected for 00Z all levels (from 0h to 2h)	YES-R	Yes	Yes	No	No	No
12374	Legionowo	VVP	Prev		YES-R	Yes	Yes	No	No	No
12514	Ramza	VVP	YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h)	YES-R	Yes	Yes	Yes	No	No
12544	Pastewnik	VVP	YES-R	Accepted between 500hPa and 900hPa (from 6h to 18h)	YES-R	Yes	No	No	No	No
12568	Brzuchania	VVP	YES-R	Accepted between 500hPa and 900hPa (from 6h to 18h)	YES-R	Yes	Yes	Yes	No	No
12579	Rzeszow	VVP	YES-R	Accepted between 500hPa and 900hPa (from 6h to 18h)	YES-R	Yes	Yes	Yes	No	No
12843	Budapest	VVP	YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for 18Z below 700hPa (from 15h to 20h)	YES-R	Yes	Yes	Yes	No	No
12892	Napkor	VVP	YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h) and Rejected for all times above 400hPa and Rejected for 06Z below 700hPa (from 3h to 8h) and Rejected for 00Z below 700hPa (from 21h to 24h) and Rejected for 00Z below 700hPa (from 0h to 2h)	YES-R	Yes	Yes	Yes	No	No
12921	Poganyvar	VVP	YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h)	YES-R	Yes	No	Yes	No	No
14024	Lisca	VVP	Prev		Prev	Yes	No	No	No	No

14256	Bilogora	VAD	YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h) and Rejected for all times below 600hPa	YES-R	Yes	No	No	No	No
14280	Osijek	VAD	YES-R	Accepted between 500hPa and 950hPa (from 8h to 16h) and Rejected for all times below 700hPa	YES-R	Yes	No	No	No	No
16061	Bric Della Croce	VVP	Prev		Prev	Yes	No	No	No	No
16062	Monte Settepani	VVP	Prev		Prev	Yes	No	No	No	No
60028	Gran Canaria	VVP	YES-R	Accepted for all times between 400hPa and 700hPa and Rejected for 06Z below 700hPa (from 3h to 8h)	YES-R	Yes	No	No	No	No

VAD-Velocity Azimuth Display

\* Not all messages will contain Wind Data.

\*\* Where station was assimilated in the previous month, yes is stated. If not the month last assimilated is noted.

*** SMHI are assimilating Swedish and Finnish data passively in the Total Currently Assimilated=	93	118	61	61	20	0
Some stations are on the boundary between being Accepted or Rejected Total Currently Rejected=	27	2	59	59	100	120