

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 |

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|------|------------------|-----|--|-------|--|-------|-----|-----|-----|-----|----|
| 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 |

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|------|-----------------|-----|------|-------|---|-------|-----|-----|-----|----|----|
| 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 |

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|------|--------------|-----|--|-------|---|-------|-----|-----|-----|----|----|
| 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 |

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|-------|--------------------|-----|--|-------|--|-------|-----|-----|-----|----|----|
| 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 |

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|-------|------------|-----|--|-------|---|-------|-----|-----|-----|----|----|
| 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.

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|--|----|-----|----|----|-----|-----|
| *** 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 |