

## THE NETHERLANDS - National deviations from the global regulations

Civil stations : FM 15-XIII AUTO METAR and FM 15-XIII METAR  
 Military stations : FM 15-XIII AUTO METAR and FM 16-XIII AUTO SPECI

### Both CIVIL and MILITARY STATIONS:

15.4 With reference to fully automated observations:  
 If any element cannot be observed, the group in which it would have been encoded shall be replaced by the appropriate number of solidi, in accordance with the table below:

Encoding of missing values in reports of AUTO METAR/SPECI – 05Nov2008		
Code group	Reporting practice	Total number of solidi - remarks
1. Wind	///12KT	3 – wind direction information not available
2.	230//KT	2 – wind speed information not available
3.	/////KT	5 – wind speed and wind direction not available
4. Visibility	////	4 – visibility information not available; 1 group //// will replace all possible visibility groups
5. RVR	R////////	8 – RVR information not available; 1 group R//////// will replace all possible RVR groups
6.	R13////	5 – RVR information not available for given touchdown zone; to be used when at least 1 other RVR value is available (in such case, R//////// cannot be used)
7. Present weather	//	2 – no PW sensor available or sensor defect; 1 group // will replace all possible present weather groups
8. Recent weather	RE//	2 – information on recent weather phenomena not available; 1 group RE// will replace all possible recent weather groups
9. Clouds	////////	9 – no information on cloud amount, height and type; 1 group ////////// will replace all possible cloud groups
10.	BKN020//	3 – cloud type not available for given layer
11. *)	//// (////////CB) *)	6 – cloud amount and height not available; system is capable of detecting cloud type; 1 group //// will replace all possible cloud groups
12.	BKN////////	6 – cloud height and type not available for given amount
13.	BKN// (BKN//CB)	3 – cloud height not available; system is capable of detecting cloud type for the given cloud amount
14.	///020///	6 – cloud amount and type not available for given cloud height
15.	///020 (///020CB)	3 – cloud amount not available; system is capable of detecting cloud type for the given cloud height
16.	NCD	no clouds detected
17.	NSC	detected clouds are not operationally significant; system is capable of detecting cloud type
18. Air temperature and dewpnt temperature	////	5 – air temperature and dewpnt temperature not available; replaced by 4 ////
19.	14//	3 – dewpnt temperature not available; replaced by 2 //
20.	///12	3 – air temperature not available; replaced by 2 //
21. Atmospheric pressure	Q///	4 – QNH information not available
22. Water temperature and sea state (North Sea platforms)	W////	5 – water temperatuur not available; replaced by 2 // and sea state not available; replaced by 2 //
23.	W///S3	3 – water temperatuur not available; replaced by 2 //
24.	W17//	3 – sea state not available; replaced by 2 //

\*) – Additional remark with reference to the table, point 11:

If the system is capable of detecting cloud type, but not to associate this type to a given cloud layer, two cases are possible:

1. If the system has not detected CB or TCU, cloud type is nevertheless considered as available for all cloud layers (the group of 3 /// is not added, as information about the absence of CB and TCU is available);
2. If the system has detected CB or TCU, an additional cloud group (/////CB or /////TCU) is included.

- 15.8.9
1. Freezing fog (FZFG) shall always be reported if the wet bulb temperature ( $T_w$ ) is below  $0^\circ\text{C}$  and the horizontal visibility is determined to be less than 1000 metres.
  2. The abbreviation BCFG, MIFG or PRFG, whatever applicable (where an automated observing system is used, it is dependent on its capability), shall be reported when the wet bulb temperature ( $T_w$ ) is below  $0^\circ\text{C}$  and the horizontal visibility is 1000 metres or more, unless rime ice is actually deposited and observed. In such case, FZFG shall be reported.

NOTE: with reference to visibility in fog, 15.8.16 and 15.8.18 shall apply.

- 15.9.2
- In case of fog, the maximum reported value for  $h_s h_s h_s$  shall be 500 ft.  
In case of precipitation, the maximum reported value for  $h_s h_s h_s$  shall be 1000 ft.

### **CIVIL STATIONS only:**

NOTES (1) Fully automated observation station **Vlissingen** (EHFS) is not an aeronautical station. It produces AUTO METAR's only (and no TREND).

- 15.14
- Trend forecasts:
1. Visibility: an extra criterium of 8 kms for the horizontal visibility shall be used.
  2. Wind: a deviated criterium for the mean surface wind is:  
if the mean surface wind direction has changed by  $30^\circ$  or more and the mean speed before and/or after the change is 10 kts or more.

**STATIONS of the ROYAL AIR FORCE and the ROYAL NAVY only:**

**REMARK:** All military stations produce fully automated observations.

- 15.7.1 During periods when either the horizontal visibility is observed to be less than 3700 metres or the runway visual range is less than 3000 metres, the group  $RD_R D_R V_R V_R V_R V_{Ri}$  shall be included in the report.
- 15.7.6 When the RVR is assessed to be more than 3000 metres, it shall be reported as P3000.
- 15.8.12 IC shall be reported when visibility is less than 10 km.
- 15.8.13 HZ shall be reported when visibility is less than 10 km.
- 15.8.14 BR shall be reported when visibility is less than 10 km but 1000 metres or more.
- 15.9.1.1 The abbreviation NSC shall not be used.  
As appropriate, clouds present at and above 5000 ft, also shall be reported.
- 15.13.3 The wind shear groups WS  $RD_R D_R$  and WS ALL RWY shall not be used.
- 15.13.6 The state of the runway group  $RD_R D_R / E_R C_R e_R e_R B_R B_R$  shall not be used.
- 15.14 Trend forecasts:  
The stations of the Royal Air Force and the Royal Navy shall use the 2-ATAF weather colour code, together with the change groups without a time group.

<b>2-ATAF WEATHER COLOUR CODE</b>			
<b>Colour code</b>		<b>Visibility</b>	<b>Cloud base</b>
Blue	BLU	8 km or more	2500 ft or more
White	WHT	5 km - 8 km	1500 ft - 2500 ft
Green	GRN	3.7 km - 5 km	700 ft - 1500 ft
Yellow	YLO	1.6 km - 3.7 km	300 ft - 700 ft
Amber	AMB	0.8 km - 1.6 km	200 ft - 300 ft
Red	RED	Less than 0.8 km	Less than 200 ft
BLACK		Aerodrome not in use due to other reasons than visibility and cloud base	