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AMV Radi de (& 1 UTC)

I dia Regi (E-1 E 5 S-5 N)		No of Colloca tion	MVD	RMSVD	SD	Mean Speed Dif (ABS)	Mean Dir Dif (ABS)	Bias	Mean Speed AMV	Mean Speed RS
Low level CMV		68	6.5	7.2	2.6	4.9	27.2	4.5	11.7	7.2
Mid level CMV		292	6.4	7.3	3.2	4.7	19.5	3.5	12.9	9.5
High level CMV		1795	7.0	8.4	4.6	5.4	15.6	-1.5	13.8	15.2
High level WVVW		1355	7.3	8.8	4.8	5.5	15.9	0.9	15.7	14.8

N he hemi he e (E-1 E N-5 N)		No of Collocation	MVD	RMSVD	SD	Mean Speed Dif (ABS)	Mean Dir Dif (ABS)	Bias	Mean Speed AMV	Mean Speed RS
Low level CMV		56	6.7	7.4	2.8	5.0	25.7	4.5	12.5	8.0
Mid level CMV		138	7.4	8.3	3.4	6.0	16.5	4.2	15.1	10.9
High level CMV		610	6.9	8.1	4.3	5.4	15.5	-1.1	13.6	14.6
High level WVVW		498	8.0	8.0	5.0	6.3	17.9	1.5	15.1	13.5

T ic (E-1 E S- N)		No of Collocation	MVD	RMSVD	SD	Mean Speed Dif (ABS)	Mean Dir Dif (ABS)	Bias	Mean Speed AMV	Mean Speed RS
Low level CMV		4	5.4	5.5	0.2	3.9	22.8	3.4	9.8	6.4
Mid level CMV		148	5.2	5.7	2.0	3.2	21.8	2.1	10.5	8.3
High level CMV		1180	7.0	8.3	4.5	5.3	15.7	-1.9	13.7	15.5
High level WVVW		845	6.7	8.0	4.2	4.9	14.3	0.4	16.1	15.7

S he hemi he e (E-1 E 5 S- S)		No of Collocation	MVD	RMSVD	SD	Mean Speed Dif (ABS)	Mean Dir Dif (ABS)	Bias	Mean Speed AMV	Mean Speed RS
Low level CMV		8	7.9	7.9	0.6	6.4	46.9	6.4	9.7	3.4
Mid level CMV		6	4.5	5.0	2.3	2.8	4.7	1.1	34.7	33.5
High level CMV		5	15.1	15.3	2.0	12.9	10.6	-12.9	37.2	50.1
High level WVVW		12	11.3	11.8	2.1	8.8	26.4	-5.1	12.8	17.9

MVD: Mean vector difference

RMSVD: Root mean square vector difference

SD: Standard Deviation

Mean Speed Dif (ABS): Absolute mean wind speed difference

Mean Dir Dif (ABS): Absolute mean wind direction difference

High level: 100-400hPa

Mid level: 401-700hPa

Low level: 701-975hPa

MVD RMSVD SD Mea Speed Dif Mea Speed AMV Mea Speed RS a e i m ⁻¹ Mea Di Dif i i
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- All AMVs within 150km of each radiosonde location and pressure difference ± 20 hPa are considered for validation.
- Collocation pairs with speed difference greater than 30ms^{-1} and direction difference greater than 60° are screened out.
- Quality indicator is not used for the current validation.