

E R R A T A  
for  
MAGNETIC, METEOROLOGICAL, ATMOSPHERIC  
ELECTRIC AND SEISMOGRAPHIC OBSERVATIONS  
made at the  
GOVERNMENT OBSERVATORIES  
BOMBAY AND ALIBAG  
in the year 1940



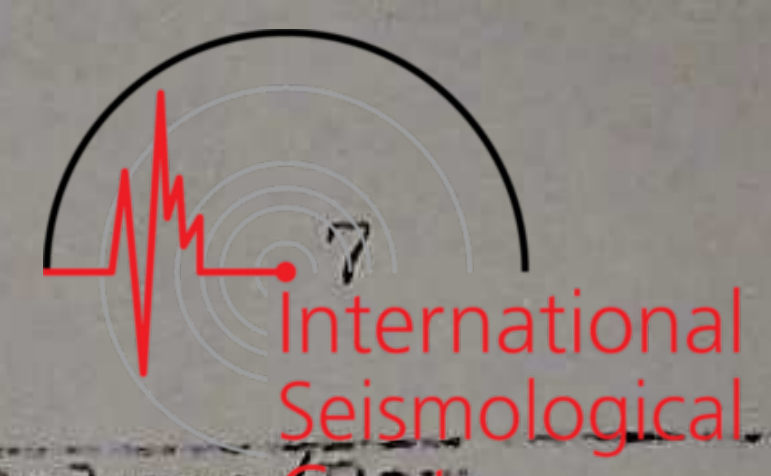
Page No.	Month & Date	Hour	For	Read	Page No.	Month & Date	Hour	For	Read		
A-2	Jan.	26	13	.995	.925	A-42	Jan.	21	13	79.7	77.7
		27	13	.920	.915		Feb.	5	21	72.0	73.0
		28	13	.911	.900			6	12	70.0	79.0
		29	13	.901	.918			17	8	75.3	75.5
		30	13	.910	.931						
		31	13	.934	.940	A-44	Mar.	5	14	18.2	81.2
	Feb.	18	11	.046	.030	A-45	Mar.	3	17	77.8	79.3
A-3	Jan.	1	15	.846	.960			3	18	77.1	77.8
		2	15	.897	.957			3	19	79.3	77.1
		3	15	.875	.957			3	20	76.4	75.8
		4	15	.891	.909			3	21	75.9	76.4
		5	15	.942	.924			3	22	75.8	75.9
								6	21	71.8	75.8
A-4	Mar.	17	11	.910	.920	A-46	May	29	10	88.8	88.5
A-5	Mar.	2	20	.885	.895			29	11	88.5	88.9
		12	19	.881	.871	A-48	July	13	14	84.4	84.9
		16	19	.890	.899		Aug.	1	9	77.8	78.4
A-9	July	7	14	.581	.681			1	10	81.4	77.8
								1	11	82.0	81.4
A-12	Nov.	3	4	.812	.802			1	12	81.4	82.0
	Dec.	28	0	.001	.061			2	14	89.6	80.6
								4	5	89.2	80.2
A-18	Feb.	1	9-10	4	8			14	5	77.8	78.8
		1	10-11	8	6			29	0	90.3	80.3
A-22	May	24	9-10	3	4	A-49	Aug.	9	22	80.8	81.1
		24	11-12	4	5			9	23	81.8	80.8
	Jun.	14	12-13	8	9	A-52	Nov.	5	1	90.3	80.3
A-25	Aug.	20	16-17	29	21	A-53	Nov.	1	23	80.1	80.0
A-30	Feb.	19	4- 5	NNW	NNE	A-56	Apr.	5	5	88	81
A-33	Apr.	14	12-13	WNW	NNW			27	3	82	83
		28	21-22	WNW	NNW	A-58	May	29	2	74	73
		30	12-13	WNW	NNW		June	5	10	84	88
A-36	July	18	4- 5	WSW	WNW	A-59	June	28	14	86	85
		27	9-10	WNW	NNW			28	19	84	83
A-37	July	12	19-20	WSW	WNW	A-61	July	5	20	86	85
		12	23-24	WNW	WSW			5	21	85	86
	Aug.	26	23-24	WSW	WNW			16	18	98	88
A-39	Sept.	15	20-21	WBW	WNW		Aug.	17	14	79	78
	Oct.	4	14-15	WSW	WNW			17	15	78	79
		24	19-20	WNW	NNW	A-62	Sept.	16	6	92	91
		24	20-21	WNW	NNW			16	7	91	92
A-40	Dec.	23	3- 4	NNE	ENE			23	7	86	90

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A-65	Dec. 15	14	62	52	B-15	Sept. 11	13	31.1	31.5
	25	22	64	62					
B-7	Jan. 8	4	28.7	28.6	B-16	Oct. 11	22	31.1	30.7
	12	1	29.7	29.6					
	19	5	28.5	28.4	B-17	Nov. 14	8	32.0	31.7
	25	0	29.5	29.4		Dec. 11	5	32.9	32.2
	30	10	29.2	29.3		19	5	31.7	30.7
B-9	Apr. 4	11	29.5	28.5	B-25	July 18	7	875	874
	13	2	29.9	28.9		Aug. 18	11	831	841
	23	11	31.8	31.2	B-29	Dec. 24	14	539	839
	25	2	28.4	29.4					
B-10	Apr. 5	21	29.8	29.7	B-31	Feb. 5	14	883	885
B-11	June 11	12	30.4	31.2		27	12	883	893
	12	8	32.2	33.2	B-37	Aug. 6	5	886	879
B-12	June 6	23	28.3	29.3		6	6	879	886
	17	15	30.2	31.2	B-39	Oct. 22	4	929	829
B-13	Aug. 5	2	28.1	28.2	C-2	Mar. 19	14-15	82	92
	10	2	28.2	28.1	C-3	Oct. 29	14-15	126	125
						Dec. 4	14-15	192	193

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A-3,	Jan. 15		Mean in inches	29.874	29.894
	Jan. 20		"	29.259	29.959
A-9	Aug. 11		Mean	.676	.686
A-12	Nov. 2		Variation	-.023	-.016
A-15a	July 5		Daily total by Newman	0.73	0.03
A-19	Feb. 18		Maximum	14	19
A-23	May 15		Mean	7.7	7.9
A-29	Dec. 18		Mean by R. Beckley	6.3	3.6
A-31	Jan. 17		Mean	WTW	WSW
A-39	Sept.		Monthly mean	WTW	WSW
A-43	Jan. 15		Mean in °C	2.27	27.2
A-45	Mar. 5		Mean in °C	25.1	25.2
A-47	May 20		Mean in °C	29.3	28.9
A-48	July 12		Variation in °C	+ 1.0	+ 0.8
A-49	July 24		Mean in °F	78.9	79.9
A-58	June 9		Mean vapour pressure	.933	.919
	June 10		"	.919	.933
A-65	Dec. 19		Mean	54.3	64.3
A-67	Apr. 12		Remarks on the weather of the day	T 4°, a	K° °, a
	16		"	early a T 4°, a	early a: K°, a
	18		Cloud forms 16½ h	SE Ac3	SW Ac3
A-68	June 3		Remarks on the weather of the day	;°a and p:0;n	°; a and p:4;n
	4		"	Ko°Ko;p Ko	K°a:K° °,p:K° ° n
	12		"	°° early a	°° early a
	13		"	°° a° n	°° a: °, n
	14		"	°° early a	°° early a
	15		"	°° early a	°° early a
	16		"	°° early a	°° early a
	17		"	°° p a and p	K°° a and p
	18		"	°° and ° a n	K°° and , a:° n
	19		"	°° and ° a and p	°° and °, a and p

Page No.	Month & Hour	Column/Row	For	Read
A-68	June 20	Remarks on the weather of the day	oo and a and p	• and ; a and p
	21	"	• a: o pand n	K <sup>o</sup> • a: • p and
	22	"	• a and p: •	K <sup>o</sup> a and p: K <sup>o</sup> •
	23	"	• a op 8 <sup>o</sup> n	K <sup>o</sup> a: • p: • n
	24	"	• a- <sup>o</sup> p and m	• a: • p and n
	25	"	• a:pp and m	• a: • p and n
	26	"	• a p and n	• a; p and n
	27	"	q <sup>o</sup> a: o p and n	q • a: • p and n
	28	"	oo a q <sup>o</sup> p n	• a: q • p: ; n
	29	"	o <sup>o</sup> a <sup>oo</sup> p and n	• a: • <sup>o</sup> p and n
	30	"	oo a p and n	• a p and n
A-69	July 1	"	q <sup>o</sup> a: oo n	q • a: • <sup>o</sup> n
	2	"	oo a and p	• <sup>o</sup> a and p
	3	"	oo and a: p o <sup>o</sup> and oo n	• <sup>oo</sup> a: ; p: • <sup>o</sup> and ; n
	4	Cloud forms amounts and directions 16 1/2 h	As8 SW St2	As8 SW Sc2
	4	Remarks on the weather of the day	oo a	• <sup>o</sup> a
	5	"	o p: o and o <sup>o</sup> n	• p: ; and • <sup>o</sup> n
	6	"	o a: o <sup>o</sup> n	• a and • <sup>o</sup> n
	7	"	oo a	• <sup>o</sup> a
	12	"	oo and o a: oo n	• <sup>o</sup> and ; a: • <sup>o</sup> n
	13	"	oo a and n	• <sup>o</sup> a and n
	14	"	q and oo a: oo p and n	q and • <sup>oo</sup> a: • <sup>o</sup> p and n
	15	"	oo a p and n	• <sup>o</sup> a p and n
	16	"	oo a p and n	• <sup>o</sup> a p and n
	17	"	oo a p and n	• <sup>o</sup> a p and n
	18	"	oo a p and n	• <sup>o</sup> a p and n
	19	"	oo a p and n	• <sup>o</sup> a p and n
	20	"	q and oo a: o p and mn	q and • a: • p and n
	21	"	o a: o p and n	• a: • <sup>o</sup> p and n
	22	"	oo a p and n	• <sup>o</sup> a p and n
		"	oo a and p: o and oo n	• <sup>o</sup> a and p: ; and • <sup>o</sup> n

Page No.	Month & Hour	Column/Row	For	Read
A-69	July 23	Remarks on the weather of the day	oo a p and n	• <sup>o</sup> a p and n
	24	"	oo a: o and o <sup>o</sup> p: q and oo n	• <sup>o</sup> a: ; and • <sup>o</sup> p: q and • <sup>o</sup> n
	25	"	oo a: o n	• <sup>o</sup> a: ; n
	26	"	o a p and n	• a p and n
	27	"	o a p and n	• a p and n
	28	"	oo a and p	• a and p
	29	"	oo a p and n	• <sup>o</sup> a p and n
	30	"	o a p and n	• a p and n
	31	"	o a p and n	• a p and n
A-70	Sept. 1	"	oo early a and n	• <sup>o</sup> early a and n
	2	"	oo early a and early n	• <sup>o</sup> early a and n
	3	"	-	• <sup>o</sup> early a
	4	"	oo early a	• <sup>o</sup> n
	6	"	oo early a	• <sup>o</sup> ; early a
	7	"	oo early a	• <sup>o</sup> early a
	8	"	oo a: o n	• <sup>o</sup> a: ; n
	9	"	oo a and p	• <sup>o</sup> a and p
	10	"	o a and p	• <sup>o</sup> a and p
	11	"	oo a	• <sup>o</sup> a
	13	"	oo early a	• <sup>o</sup> ; early a
	15	"	oo early a	• <sup>o</sup> early a
	16	"	o a and o <sup>o</sup> p	• <sup>o</sup> a and ; • <sup>o</sup> p
	17	"	o On	K • n
	18	"	oo a o p • <sup>o</sup> and op and n	• <sup>oo</sup> a: ; p K <sup>o</sup> and • p and n
	19	"	oo a: p and • <sup>o</sup> n	• <sup>oo</sup> a p and n $\Delta$ n
	20	"	oo p	• <sup>o</sup> p
	22	"	o n	• <sup>o</sup> n
	23	"	oo early a	• <sup>o</sup> early a
	24	"	oo early a	• <sup>o</sup> early a



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A-70	Oct. 1	Remarks on the weather of the day	● early a	▲ early a
	2	"	● early a	▲ early a
	3	"	● early a	▲ early a
	5	"	● early a	▲ early a
	7	"	● early a	▲ early a
	10	"	● early a	▲ early a
	11	"	● early a	▲ early a
	12	"	° a:°°q:p	° a:K°q p
	13	"	q° °°p:°°n	q ° K°p:K ° n
	14	"	°° late n	° late n
	15	"	° p °°and°°n	K°p:°°°n
	16	"	° a °°p °°n	K°a:K°°p:K°°n
	17	"	°° a°°and°°p°°n	°° a:°°and°°p:°°n
	21	"	°°and°° early a	°° and °° early a
	22	"	° early n	K early n
A-71	Nov. 5	Cloud amounts 12 1/2 hrs.	°° early a	°° early a
	6	"	7	1
	6	Cloud amounts 22 hrs.	4	7
	7	Cloud amounts 12 1/2 hrs.	2	7
	25	Remarks on the weather of the day	1	4
	26	"	°°°°and°°°°n	K°°°°and°°°°n
	27	"	°°°°and°°°°a	K°°°°and°°°°a
	28	"	°° a°°and°°°° early n	°° a:°°and°°°° early n
	29	"	°°and°°	°° and °°n
	30	"	°° n'	°° n
B-2	Dec. 16	Cloud amounts 22 hrs. Formula of the allowance for the use of means	°° early a	▲ early a
			2	0
			$\frac{1}{12} \left( m_p - \frac{m_{p+1} + m_{p-1}}{2} \right)$	$\frac{1}{12} \left( m_p - \frac{m_{p+1} + m_{p-1}}{2} \right)$

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B-4	Dec. 12	Diurnal variation of I IQ Days	+ 0.8	+ 0.3
	Dec. 13	" " of F Year mean	- 1	- 8
B-5	July 5	" " of D I.D.Days	+ 0.8	+ 0.3
	Nov. 7	" " of D I.D.Days	- 7.7	- 0.7
B-6	Aug. 13	" " of I I.D.Days	- 1.0	+ 1.9
	Nov. 1	" " of I I.D.Days	- 0.5	- 0.4
	Mar. 20	" " of F I.D.Days	- 3.3	- 4.3
B-10	Apr.	Monthly mean ††	23.9	23.9
B-13	July 5	Mean †	29.2	29.3
	July 12	Mean †	30.3	30.4
B-18	Nov. 29	Mean	31.2	31.1
B-22	Mar.	Monthly mean ††	670	680
B-28	Oct. 22	Mean † Time for maximum	810 gh 16m	840 6h 16m
B-29	Nov. 4	Mean ††	855	854
	Nov. 12	Mean ††	838	808
	Nov. 14	Mean ††	714	784
	Nov. 16	Mean ††	890	790
B-30	Nov. 16	Mean	833	883
B-31	Feb. 6	Mean	890	889
B-32	Jan. 20	Minimum magnitude	859	860
	Jan. 16	Mean	985	885
	Feb. 2	Mean	910	906
B-33	Apr. 2	Mean	907	908
B-34	Mar. 20	Mean	920	916
B-42	Apr. 18	Mean	858	853
B-42	Nov. 30	Minimum magnitude	858	853
B-43	Jan. 18	Range	817	187
B-45	Feb. 4	Ø <sub>2</sub> I.D.Days	223° 0'	223° 0'
	May	Ø <sub>3</sub> I.D.Days	121° 60'	121° 50'
B-46	Feb. 4	Ø <sub>4</sub> I.D.Days	279° 4'	273° 4'
D-1	Jan. 7	Long. for the station 2nd shock Remarks (Epc.)	72° 54' E 26° N3	72° 49' E 26° N 63° E
D-2	Jan. 26	2nd shock Remarks (Epc.)	70± 5° E	70° 5 E
D-3	Mar. 19	1st shock Remarks	o = 150km	h = 150km
D-6	May 19	2nd shock G.M.T. for 2 phase	20 <sup>m</sup> 50 <sup>s</sup>	29 <sup>m</sup> 50 <sup>s</sup>
	May 24	G.M.T. for 3rd phase	56 <sup>m</sup> 33 <sup>s</sup>	57 <sup>m</sup> 33 <sup>s</sup>
D-8	July 10	Phase 4th	I(ipP)	i(pP)
	July 27	Phase 1st	eP(°)	e(P <sub>1</sub> )
D-9	Sept. 3	1st shock Remarks(Epc.)	90° E	92° E
D-10	Sept. 22-23	1st shock G.M.T. 1st phase	22 <sup>h</sup> 59 <sup>m</sup> 50 <sup>s</sup>	22 <sup>h</sup> 59 <sup>m</sup> 59 <sup>s</sup>
D-12	Oct. 31	2nd shock G.M.T. 1st phase	02 <sup>h</sup> 25 <sup>m</sup> 53 <sup>s</sup>	05 <sup>h</sup> 25 <sup>m</sup> 55 <sup>s</sup>