



OBSERVATIONS

MADE AT THE

ROYAL MAGNETICAL AND METEOROLOGICAL OBSERVATORY

AT

BATAVIA.

PUBLISHED BY ORDER OF THE GOVERNMENT OF NETHERLAND'S EAST-INDIA.

by

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acting director.

VOL. XXVIII. 1905.

Containing meteorological, magnetical and seismometric observations made in 1905.
(To this volume belong three appendices).

BATAVIA.

PRINTED AT THE GOVERNMENT PRINTING OFFICE.

1907.

The mean monthly factors, derived by this comparison have been applied to the RICHARD-values, as follows:

January	1.0	July	1.0
February	1.4	August	1.0
March	1.0	September	1.1
April	1.1	October	1.1
May	1.2	November	1.2
June	1.1	December	1.1



Clouds. The part of the sky covered with clouds is hourly estimated by the Javanese observer on duty.

Duration of Sunshine. The halfhourly average degree of sunshine (duration and intensity combined) is estimated from the sheets of two sunshine recorders, supplied with sensitive paper, viz. one of NEGRETTI and ZAMBRA having two slits at its sides and giving separate stripes for morning and afternoon, and another instrument made at the observatory, which has only one slit on the top and gives one stripe which is read for the interval 10^ha—2^hp.

Rainfall. The hourly values published in the tables hereafter have been read from the sheets of a HELLMANN selfrecording raingauge. Its receiving surface is circular; diameter 15.8 cm.; height above the ground 140 cm.

The values, from which the averages of the tables 58—61 p. 126 s.s. have been calculated, were measured up to 1 Jan. 1903 by a gauge placed on the top of the roof of the main building; afterwards they have been read from the records of HELLMANN's gauge. (Cf. App. to Vol. XXIII).

Seismograph Milne. The boom of the instrument is directed N-S. The scale-values given below have been obtained by measuring on the sheets the duration of artificial swinging.

Date.	Time of Oscillation.	Angular Value of 1 mm.	Date of Readjustment.
1904 Dec. 2	18.5 Sec.	0.52	
1905 Jan. 17	19.4	0.50	
» 21	18.5	0.52	
Feb. 11	18.9	0.51	
Sept. 13	19.5	0.50	Aug. 11
Nov. 22	17.1	0.58	Oct. 31
Dec. 12	16.0	0.43	Dec. 50

Seismograph von Rebeur-Ehlert ⁽¹⁾. The instrument is mounted on a heavy brick pillar next to the pillar of the MILNE-seismograph.

The middle pendulum (directed E-W) is alone recording. Air-damping after WIECHERT. The registering drum revolves in one hour; the lamp (AUER-thread lamp after STRAUBEL) moves toward the drum over a distance of 10 cm. in 24 hours. The slit of both, MILNE and EHLERT's seismographs are shut electrically every hour during 50 seconds (from June 10^{sec}) by the Javanese observer on duty with a key next to the astronomical clock. An eclipse of two seconds in every five minutes by means of an electric clock of PEYER FAVARGER has been added since April 22nd, 1904.

Time-scale: 1 hour = 71 cm.

Determinations of scale-value.

Date.	Time of Oscillation.	Coefficient of Damping.	Angular Value of 1 mm.
1904, Dec. 25	4.9	1.5	0.151
1905, Aug. 9	4.7	1.4	0.145
« , Dec. 18	4.7	1.4	0.146

⁽¹⁾ Cf. Preface to Vol. XXVI, 1903, p. VIII.

BATAVIA
SEISMOMETRIC RECORDS
1905.

Earthquakes and Tremors registered at the Batavia Observatory by means of the
Selfrecording Seismograph-Milne during the Year 1905.

Greenwich Mean Civil Time.

Batavia Observatory 7^h 7^m.3 E. from G.



International
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Nº.	Date.	Commen- cement.	Durat. prel. tremors.		Maxima.	Amplit. (double).		Total Duration.	Remarks.	Earthquakes felt at:
	1905.		h.	m.	min.	h.	m.	mm.		
651	January	7	23	40.6		23	40.8	1.6 = 0.5	12	
652	"	8	19	33.8		19	39.1	2.0 0.7	30	
653	"	13	13	28.4		13	55.3	1.8 0.5	60	
654	"	14	20	7.5		20	7.9	1.2 0.4	3	
655	"	20	22	28.5		22	38.7	2.6 0.8	40	
656	"	26	14	22.2		14	24.1	1.0 0.3	4	Malabar Garut Sumedang Tasikmalaja
657	"	27	12	58.7		13	9.2	0.7 0.2	25	Preanger, Java.
658	February	2	21	9.9		21	12.4	6.2 2.0	30	
659	"	4	6	17.2		6	34.5	3.6 1.1	50	
660	"	5	16	35.1		16	36.6	22.0 7.0	14	Garut, Preanger, Tjiamis, Cheribon,
661	"	7	3	6.8		3	9.1	2.0 0.6	10	Java.
662	"	13	5	33.1		5	58.6	1.6 0.5	90	
663	"	13-14	23	47.1		0	0.7	1.0 0.3	40	
664	"	14	9	1.5		9	48.6	5.4 1.7	160	
665	"	15	2	47.6		2	51.2	1.0 0.3	10	
666	"	17	11	49.3	4.2	12	0.8	14.0 4.3	85	
						12	3.3	18.0 5.6		
667	"	19	4	44.7	11.9	5	16.2	3.2 1.0	120	
668	"	20	14	27.2		14	33.4	0.6 0.2	20	
669	"	26	2	36.2		3	5.7	1.3 0.4	60	
670	"	27	17	35.8	9.0	18	12.6	6.0 1.9	90	
671	March	4	15	7.2		15	19.4	0.7 0.2	20	
672	"	4	16	7.3		16	36.0	2.0 0.6	100	
673	"	4	18	40.6		18	53.5	1.1 0.3	70	
674	"	4	23	24.7		23	41.1	3.0 1.0	140	
675	"	8	0	24.1		0	25.2	1.0 0.3	3	
676	"	19	0	6.7		0	39.7	19.0 6.2	170	
677	"	22	3	51.1	10.1	4	33.2	2.1 0.7	200	
678	"	24	8	57.2		9	2.7	1.0 0.3	10	
679	April	4	0	58.6		1	1.9	7.0 2.2	180	
680	"	7	4	32.2		4	46.7	2.0 0.6	30	
681	"	20	12	47.7		13	29.7	2.0 0.6	75	
682	May	11	17	15.2	6.0	17	25.2	1.0 0.3	47	
683	"	18	13	48.7	5.0	14	17.2	5.0 1.6	89	
684	"	23	7	2.2	7.5	7	17.2	1.2 0.4	35	
685	"	25	4	8.7		4	22.2	0.7 0.2	29	
686	"	26	13	40.2		18	42.7	3.0 0.9	25	
687	"	31	18	29.2	5.0	18	38.7	2.5 0.8	42	
688	June	2	5	53.8		6	11.3	1.7 0.5	34	
689	"	9	12	37.7		12	54.7	1.5 0.5	41	

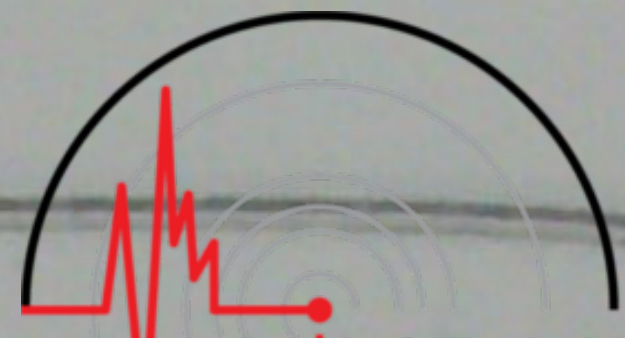
Bintuhan, Benkulen, Sumatra (?).

Earthquakes and Tremors registered by Milne's Seismograph.



No.	Date.	Commencement.		Durat. prel. tremors.	Maxima.		Amplitude (double).		Total Duration.	Remarks.	Earthquake felt at
		h.	m.	min.	h.	m.	mm.		min.		Place; Residence; Island.
	1905.										
690	June	10	3	9.7	4.5	3	16.7	0.7 = 0.2	20		
691	"	12	5	32.7		5	43.7	1.0 0.3	68		Malabar, Preanger, Java.
692	"	14	11	39.7		12	24.7	2.7 0.8	79		
693	"	16	12	29.2		?	?	?	?		
694	"	30	17	16.9		17	33.9	7.0 2.2	109		
695	July	3	0	0.9		?	0.6	0.2	18		
696	"	6	16	30.5	7.2	17	1.0	2.8 0.9	120		
697	"	9	9	50.5	7.5	10	13.0	5.0 15.5	214		
698	"	11	9	3.0	7.5	9	12.0	10.0 3.1	40		
699	"	11	15	45.0	6.5	15	51.0	3.5 1.1	44		
700	"	13	0	52.0		0	53.5	1.0 0.3	2		
701	"	14	9	52.0		9	57.5	1.0 0.3	24		
702	"	14	22	30.0	3.5	22	34.0	3.5 1.1	17		
703	"	15	7	19.5		7	21.0	1.0 0.3	6		Malabar, Preanger, Java.
704	"	15	14	30.0		14	31.5	1.2 0.4	9		
705	"	16	0	27.0		0	27.5	1.2 0.4	4		
706	"	16	18	53.0		19	2.7	1.5 0.5	31		
707	"	17	0	21.5		1	4.0	1.7 0.5	70		
708	"	21	2	52.5		2	54.7	1.5 0.5	16		Banda-Neira, Amboina, Banda.
709	"	23	2	56.1	7.5	3	21.5	5.0 15.5	240		
710	"	27	22	31.9		22	33.1	2.0 0.6	38		
711	"	27	22	49.9		22	50.2	0.7 0.2	1		
712	"	30	21	35.7		21	35.8	3 0.9	7		(Tjiandjur) Malabar } Preanger, Java.
713	August	11	14	12.2		?	0.5	0.2	5		
714	"	14	3	30.2		?	0.4	0.1	5		
715	"	17	7	24.2		?	0.5	0.2	10		
716	"	17	7	57.2		7	58.7	0.7 0.2	8		
717	"	19	14	1.2		14	2.2	1.0 0.3	14		
718	"	23	19	12.7		19	14.2	0.4 0.1	2		Tjiandjur, Preanger, Java.
719	"	24	3	58.7		4	39.2	0.4 0.1	43		
720	"	25	8	51.9		8	52.4	0.4 0.1	1		
721	"	25	10	1.7		10	9.0	0.7 0.2	20		
722	"	26	1	8.7		1	9.0	0.4 0.1	1		
723	"	26	2	37.5		2	38.0	0.4 0.1	2		
724	"	26	3	34.0		3	34.4	0.5 0.2	2		
725	"	31	3	3.7		3	4.4	0.4 0.1	3		
726	"	31	3	42.2		3	43.2	0.5 0.2	3		
727	September	1	2	7.2		2	8.0	0.4 0.1	4	Doubtful.	
728	"	1	3	2.5		3	14.6	0.4 0.1	12	Doubtful.	
729	"	2	3	11.2		3	16.2	0.6 0.2	10		
730	"	8	2	7.6		2	50.6	1.5 0.5	625		
731	"	10	1	18.8		1	19.3	0.6 0.2	3		
732	"	13	22	33.7	40.0	23	15.1	1.3 0.4	395	Probably by local disturbance.	
733	"	14	20	12.7		20	36.9	1.0 0.3	50	Probably by local disturbance.	Serwaru, Amboina, Letti.
734	"	15	6	14.7	8.7	7	1.3	1.0 3	175		
735	"	16	7	2.7	2.8	7	12.1	2.1 0.6	25		

Earthquakes and Tremors registered by Milne's Seismograph.



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N ^o .	Date.		Commencement.		Durat. prel. tremors.	Maxima.		Amplitude (double).		Total Duration.	Remarks.	Place; Residence; Island.
	1905.		h.	m.	min.	h.	m.	mm.	"	mm.		
734	September	24	0	9.3		0	12.1	1.0	0.3	13		Banggai, Ternate, Celebes.
735	"	26	1	38.9	17.5	2	1.2	1.5	0.5	34		
736	"	29	11	56.7		12	7.4	9.0	2.7	95		Kupang, Timor, Timor.
736a	October	3	6	37.4		6	55.4	0.7	0.2	203	Doubtful, local dist.	
736b	"	9	7	58.5		7	59.0	0.3	0.1	2	Doubtful.	
736c	"	9	9	4.2		9	4.6	0.4	0.1	69	Doubtful.	
736d	"	9	11	18.5		11	19.2	0.3	0.1	20		Lombok, Bali, Lombok.
736e	"	9	13	3.7		13	4.5	0.4	0.1	2	Doubtful.	
737	"	10	23	58.5		23	59.3	0.6	0.2	2		
738	"	11	3	57.1		3	57.4	0.7	0.2	2		
738a	"	16	4	11.8		4	12.7	0.4	0.1	4	Doubtful.	
738b	"	16	6	31.5		6	32.1	0.4	0.1	73	Doubtful.	
						6	56.5	0.4	0.1			
						7	16.1	0.7	0.2			
738c	"	16	8	42.0		7	36.0	0.8	0.2			
						8	42.5	0.4	0.1	78	Doubtful.	
						8	58.7	0.4	0.1			
						9	16.9	0.3	0.1			
						9	41.2	0.6	0.2			
						9	58.3	0.5	0.2			
738d	"	16	23	36.3		23	37.0	0.4	0.1	2	Doubtful.	
738e	"	17	1	39.5		1	42.2	0.4	0.1	213	Doubtful.	
						2	27.3	0.3	0.1			
						3	5.3	0.3	0.1			
						3	51.5	0.5	0.2			
						4	32.1	0.4	0.1			
						4	48.7	0.4	0.1			
						5	5.9	0.4	0.1			
739	"	17	11	58.7		11	58.8	0.7	0.2	5		
740	"	17	15	56.8		15	56.9	1.0	0.3	6		
741	"	19	16	33.0		16	46.5	2.3	0.7	20		
742	"	21	18	55.8		18	58.9	0.5	0.2	22		
						19	15.0	0.6	0.2			
743	"	22	8	57.5	5.0	9	7.5	1.3	0.4	27		
743a	"	23	8	3.0		8	4.0	0.4	0.1	105		Malabar, Preanger, Java.
						8	6.5	0.4	0.1			
						8	27.3	0.3	0.1			
						8	32.0	0.4	0.1			
						8	35.7	0.3	0.1			
						8	36.4	0.3	0.1			
						9	36.0	0.3	0.1			
						9	37.0	0.3	0.1			
						9	39.9	0.3	0.1			
						9	41.0	0.3	0.1			
						9	45.5	0.5	0.2			
743b	"	23	11	14.7		11	16.5	0.4	0.1	29	Doubtful.	
						11	23.8	0.3	0.1			
						11	27.7	0.4	0.1			
						11	30.4	0.3	0.1			
						11	34.6	0.5	0.2			
						11	42.5	0.4	0.1			

Earthquakes and Tremors registered by Milne's Seismograph.

N°.	Date.		Commencement.		Durat. prel. tremors.	Maxima.		Amplitude (double).		Total Duration.	Remarks.	Place; Residence; Island.
	1905.		h.	m.	min.	h.	m.	mm.	"	min.		
743c	October	24	2	40.5		2	42.3	0.3	0.4	120	Doubtful.	
						2	45.9	0.3	0.4			
						2	47.5	1.0	0.3			
						2	51.3	0.4	0.4			
						3	29.5	0.3	0.4			
						4	2.0	0.3	0.4			
						4	6.4	0.5	0.2			
743d	"	24	19	3.0		19	5.5	0.3	0.4	34	Doubtful.	
						19	9.5	0.4	0.4			
						19	14.5	0.4	0.4			
						19	22.7	0.4	0.4			
						19	32.5	0.4	0.4			
743e	"	24	23	40.4		23	41.5	0.5	0.2	30	Doubtful.	
		25				0	8.5	0.3	0.4			
743f	"	25	4	44.3		4	44.8	0.3	0.4	4	Doubtful.	
						4	47.0	0.4	0.4			
743g	"	26	1	56.5		1	57.5	0.5	0.2	8	Doubtful.	
						1	59.5	0.5	0.2			
						2	3.7	0.5	0.2			
743h	"	27	2	40.5		2	42.2	0.5	0.2	4	Doubtful.	Gorontalo, Menado, Celebes(?).
744	"	27	12	35.5		12	37.3	0.7	0.2	4		
744a	"	28	6	51.9		6	52.5	0.5	0.2	19	Doubtful.	
						6	56.2	0.4	0.4			
						7	8.1	0.6	0.2			
745	"	30	2	15.4		2	17.6	1.3	0.4	11		
746	"	30	23	34.4		23	34.9	0.8	0.2	4		
747	November	2	1	4.4		1	5.5	1.2	0.4	3		Buitenzorg, Batavia, Java.
748	"	2	16	27.9		16	29.0	0.5	0.2	3		Malabar, Preanger, Java.
749	"	6	17	3.1	7.8	17	23.6	1.2	0.4	60		
750	"	8	22	29.3		23	40.2	1.0	0.3	80		
751	"	21	23	19.6	3.0	23	23.1	1.0	0.4	24		
752	"	21	23	54.6	9.0							
		22				0	4.6	1.0	0.4	29		
753	"	28	17	31.7		?		?		32		{Malabar, Preanger } Java. {Patjitan, Madiun }
754	December	4	7	51.5		8	5.8	1.0	0.4	19		
755	"	7	12	46.2		12	46.3	1.5	0.6	20		
756	"	10	18	15.8		?		?		56		
757	"	28	23	32.7		23	48.7	1.0	0.4	30		

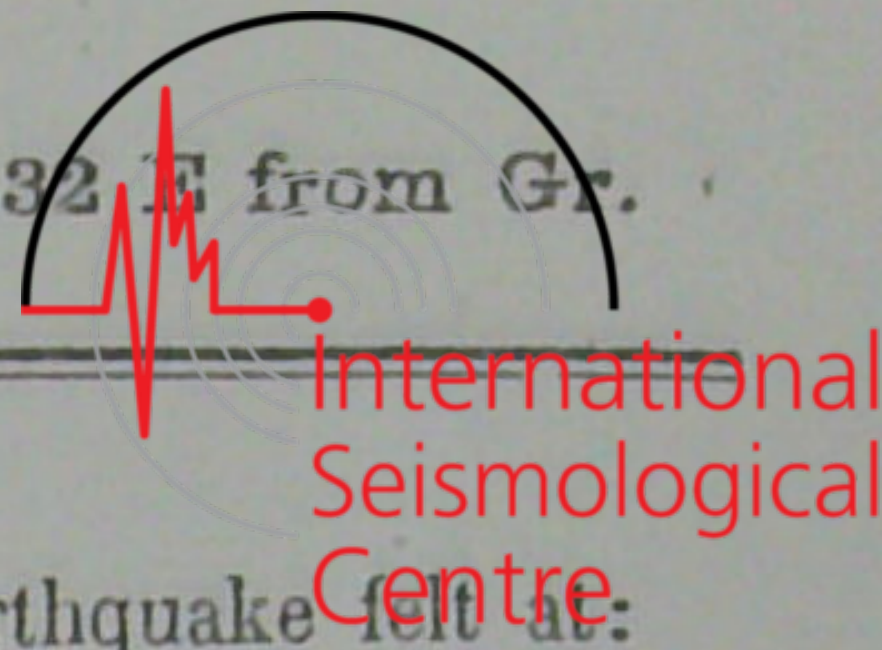


Earthquakes registered by Ehlert's Horizontal Pendulum.

Direction of Pendulum: E-W.

Greenwich Mean Civil Time.

Batavia Observatory = 7^h 7^m. 32^s E from Gr.



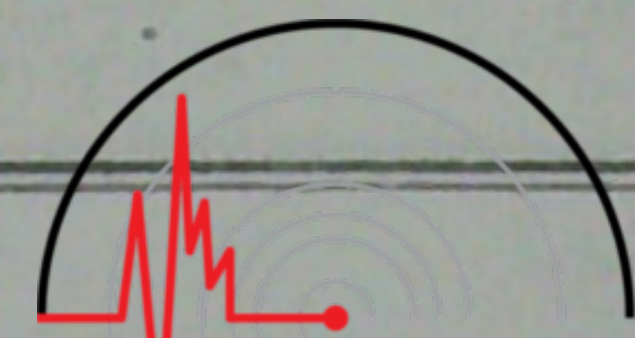
No.	Date.		Commence-ment.		Commence-ment of larger oscill.	Time of maximum oscill.		Average amplit. of max. oscill. (double).	Duration in hours.	Remarks.	Earthquake felt at:
			h.	m.		h.	m.				
215	1905	January	8	?				12	?	Times dubious by defective registration.	Place; Residence; Island.
216	"	"	13	13		13	37.3	8	0.5		
217	"	"	14	20		20	8.4	6	0.1		
218	"	"	16	4		4	30.3	6	0.1		
219	"	"	19	21		22	7.8	5	0.4		
220	"	"	20	22		22	30.0	25	1.0		
221	"	"	22	2		2	55.7	150	2.0		Gorontalo, Menado, Celebes.
222	"	"	22	9		9	56.6	10	0.2		Malabar, Preanger, Java.
223	"	"	27	12		13	4.3	13	0.7		
224	February	"	2	3		3	18.1	10	0.2		
225	"	"	2	21		21	13.5	20	0.8		
226	"	"	4	6	6	32.52	6	36.3	18	1.0	
227	"	"	4	19		19	37.1	4	0.2		Kemuning, Soerakarta, Java.
228	"	"	7	3	3	7.15	3	8.7	40	0.4	
229	"	"	7	19		19	45.9	3	0.6		
230	"	"	13	5		5	44.9	7	1.0		
231	"	"	13	23		23	53.3	2	0.9		
232	"	"	14	8		9	47.6	4	2.0		
233	"	"	15	4		4	18.2	2	0.2		
234	"	"	15	12		12	50.8	4	0.5		
235	"	"	17	11		12	3.5	110	2.3		
236	"	"	19	4		4	56.7	9	2.0		
237	"	"	20	14		14	29.0	4	0.5		
238	"	"	21	7		7	22.9	2	0.3		
239	"	"	25	8		8	34.4	4	0.2		
240	"	"	26	2		2	48.7	2	1.2		
241	"	"	26	18		18	38.2	2	0.3		Bima, Celebes, O., Sum-bawa, ?.
242	"	"	27	7		7	30.4	2	0.1		Garut, Preanger, Java. ?
243	"	"	27	17		17	46.8	9	1.4		
244	March	"	4	15	15	11.45	15	11.7	4	0.7	
245	"	"	4	16	16	14.04	16	14.5	9	2.0	
246	"	"	4	18	18	45.91	18	46.2	7	1.4	
247	"	"	4	23	23	31.63	23	35.3	20	3.0	
248	"	"	5	3		3	40.7	1	0.5		
249	"	"	6	10		10	40.7	1	0.4		
250	"	"	6	15		15	27.6	2	0.2		
251	"	"	8	0		0	24.4	10	0.1		Sukabumi, Preanger, Java.
252	"	"	14	2		2	58.1	2	0.1		Manna, Benkulen, Sumatra. ?
253	"	"	14	18		18	34.1	2	0.3		
254	"	"	16	18		18	39.3	11	0.3		
255	"	"	17	2	2	9.69	2	9.9	7	0.5	
256	"	"	18	5		5	40.0	2	0.1		
257	"	"	18	12		12	33.2	2	1.0		
258	"	"	18	15		15	16.4	2	0.5		

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										 International Seismological Centre	
Nº.	Date.	Commence- ment.		Commence- ment of larger oscill.		Time of maximum oscill.		Average amplit. of max. oscill. (double).	Duration in hours.	Remarks.	Earthquake felt at:
	1905.	.	m.	h.	m.	h.	m.	mm.			Place; Residence; Island.
308	July	2	23	54.63		0	3.0	6	0.3		
309	"	5	15	38.7		15	43.6	5	0.2		
310	"	6	16	30.5	16	38.14	16	38.56	11	1.2	
311	"	9	9	50.3		± 10	16.0	162	2.5		
312	"	11	8	57.4		9	13.2	16	0.8		
313	"	11	15	45.09	15	51.4	15	51.57	47	0.7	
314	"	12	2	49.6		2	50.1	4	0.1		
315	"	12	3	6.4		?		3	0.1		
316	"	12	3	15.6		3	16.2	5	0.1		
317	"	12	13	16.4		13	16.9	3	0.1		
318	"	13	0	52.1		?		9	0.1		
319	"	14	0	59.73		1	2.0	6	0.2		
320	"	14	22	32.7		22	35.6	7	0.3		
321	"	15	7	11.5		7	15.8	4	0.2		Malabar, Preanger, Java.
322	"	15	14	26.7		14	30.10	8	0.3		
						14	33.2				
323	"	16	18	50.9		18	56.0	20	1.0		
324	"	17	0	34.29		0	42.76	8	0.7		
325	"	21	2	49.4		2	50.2	8	0.2		
326	"	23	2	56.1		± 3	20	165	3.0	Siberian earth- quake.	
327	"	25	6	15.6		6	15.8	4	0.1		
328	"	26	5	3.3		5	8.3	5	0.2		
329	"	27	22	27.42	22	32.65	22	32.82	17	0.5	
330	"	30	21	35.3		21	36.8	11	0.2		{Tjiandjur, } Malabar, } Preanger, Java.
331	"	30	22	28.7		22	30.2	5	0.1		Malabar, Preanger, Java.
332	August	1	3	37.8		3	42.47	5	0.2		
333	"	1	22	8.8		22	12.5	5	0.3		
334	"	4	17	56.3		17	57.5	2	0.1		
335	"	8	13	21.6		13	30.2	10	1.0		
336	"	10	18	37.9		18	38.6	21	0.2		Drangdan, Batavia, Java.
337	"	11	14	12.33		14	13.85	13	0.2		
338	"	11	16	9.4		16	10.80	4	0.1		
339	"	14	6	59.1		7	1.1	4	0.2		
						7	1.54				
340	"	16	10	17.6		10	18.1	7	0.1		
341	"	16	11	49.7		11	50.2	3	0.1		
342	"	17	7	4.8		7	5.3	3	0.1		
343	"	17	7	23.6		7	24.7	4	0.1		
344	"	17	7	32.7		7	32.98	6	0.1		
345	"	17	7	48.5		7	51.6	3	0.2		
346	"	19	14	1.1		14	7.6	5	0.4		
						14	9.9				
347	"	23	19	13.03		19	13.80	6	0.1		Tjiandjur, Preanger, Java.
348	"	25	9	55.3	10	2.1	10	5.7	10	0.5	
349	"	26	0	37.2		?		4	0.1		
350	"	31	19	20.8		?		3	0.3		
351	September	1	2	55.1	3	2.9	3	3.0	8	0.7	
352	"	2	3	11.0			3	12.75	6	0.3	
353	"	2	22	21.0			22	21.1	7	0.1	

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		h.	m.	h.	m.	h.	m.				
	1905.										Place; Residence; Island.
334	September	4	1	2.0		1	3.8	3	0.1		
335	"	4	4	45.39		4	45.5	3	0.2		
336	"	5	6	37.5		6	38.26	3	0.2		
337	"	7	4	12.0		4	12.15	3	0.2		Ternate, Ternate, Ternate.
338	"	14	18	10.5		± 18	11.3	4	0.3		
339	"	14	19	56.3		20	4.9	4	0.8		Serwaru, Amboina, Letti.
360	"	15	6	14.3	6	24.5	± 6	27.2	12	2.0	
361	"	15	22	43.5		22	51.4	6	0.6		
362	"	16	5	52.8		6	0.87	6	0.5		Dobo, Amboina, Aru-Is- lands ?
363	"	16	7	1.6		7	6.0	13	0.7		
						7	6.9				
364	"	16	18	16.4		?		2	0.2	Tremor ?	
365	"	18	3	57.7		?		2	0.2		
366	"	23	13	49.0		13	50.1	2	0.2		
367	"	24	0	2.3		0	8.38	9	0.5		Benggaai, Ternate, Celebes.
368	"	26	1	42.8		1	44.33	4	0.7		
369	"	29	11	56.9	12	0.5	12	1.1	56	2.0	Kupang, Timor, Timor.
						12	5.2				
370	October	3	9	28.1		9	29.0	2	0.1		
371	"	3	23	31.6		23	33.9	2	0.2		
372	"	4	11	12.9		11	14.6	5	0.2		
373	"	8	7	51.2		7	51.4	3	0.1		
374	"	15	22	2.9		22	8.2	3	0.6		
						22	17.7				
375	"	17	11	1.9		11	12.0	4	0.4		
376	"	19	16	29.7		16	47.42	8	1.5		
377	"	19	21	5.1		21	12.9	3	0.3		
378	"	21	11	23.1		11	24.6	4	0.2		
379	"	21	18	41.3		18	51.4	3	0.6		
						18	52.5				
380	"	22	8	25.6		8	36.8	3	1.0		
381	"	22	13	44.6		13	44.84	2	0.2		
382	"	24	3	54.9		4	3.2	5	0.3		
383	November	1	10	52.8		11	3.78	3	0.5		
384	"	2	1	4.2		1	4.9	± 26	0.3		Buitenzorg, Batavia, Java.
385	"	2	16	27.7		16	28.7	9	0.2		Malabar, Preanger, Java.
386	"	6	17	3.4		17	11.8	9	1.5		
387	"	8	22	19.0	22	29.67	22	30.8	8	1.5	
388	"	9	19	54.53		19	54.8	7	0.3		
389	"	11	19	46.4		19	46.6	2	0.2		
390	"	16	16	9.3		16	10.3	2	0.2		
391	"	18	0	41.0		0	42.30	15	0.2		
392	"	21	21	58.1							
		22			0	2.78	0	16.1	6	3.5	
393	"	24	16	33.04		16	34.47	7	0.2		
394	"	26	7	36.1		7	39.9	4	0.3		
395	"	27	3	5.9		?		7	0.2		
			3	23.0							
396	"	28	17	31.5		± 18	5.0	± 97	1.3		{Malabar, Preanger,} {Patjitan, Madiun,} Java,



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	1905.		h. m.	h. m.	h. m.	mm.		Place; Residence; Island.
397	November	29	1 26.9		1 27.1	4	0.1	
398	"	30	18 18.26		18 21.4	4	0.2	
399	December	1	21 46.6		21 48.16	3	0.1	
400	"	4	7 27.0		7 27.7	6	1.0	
401	"	6	5 45.73		5 51.80	10	0.5	
402	"	8	8 26.47		8 32.73	11	0.3	
403	"	9	7 44.0		?	2	0.1	
404	"	9	14 7.2		14 12.6	4	0.5	
405	"	9	20 10.10		20 11.4	3	0.2	
406	"	10	12 48.7		13 6.5	5	1.5	
407	"	10	18 15.7		18 20.47	62	1.5	
408	"	12	13 36.8		13 40.54	3	0.4	
409	"	15	14 19.4		14 19.59	3	0.2	
410	"	16	11 33.9		11 34.27	4	0.2	
411	"	18	19 15.8		19 19.6	4	0.3	
412	"	25	11 46.36		11 48.8	7	0.3	{Klaten, } {Wonogiri,} Surakarta, Java.
413	"	28	23 19.10		23 21.82	4		
414	"	29	13 18.00	13 18.76	13 20.85	59	1.0	{Mokko- } {Mokko, } Benkulen } {Kroë, } Sumatra. Palembang, Palembang Malabar, Preanger, Java. Palembang, Palembang, Su- matra.
415	"	30	0 52.28		?	8	1.2	