

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of January 1915.

Time is Greenwich Civil Mean Time, in hours, minutes, and decimals of a minute: 0 or 24 H = midnight.
 1 millimetre of amplitude = Velocity of paper = 25 centimetres per hour.
 Seismograph A records E.W. motion; Seismograph B records N.S. motion.

REGISTER FROM ~~KHEDIVIAL~~ OBSERVATORY, HELWAN, EGYPT.

Director Superintendent H. Knox-Shaw.

I.N. 2250-1913-3000 ex.

No.	DATE 191 <u>5</u> .	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3131	Jan. 1	0	47			trace	0	43	A
3132	" 2	7	26			trace	0	8	A Very slight
3133	" "	13	43			trace	0	5	A
3134	" "	14	46	14	47	0.1	0	9	A
3135	" 3	0	52			0.1	1	23	A
3136	" "	3	16			trace	2	14	A Nearly continuous small tremors
3137	" "	7	42			trace	0	5	A
3138	" 4	0	2			0.2	2	0	A
3139	" "	4	38			trace	0	28	A
3140	" "	22	32			trace	0	56	A
3141	" 5	5	12			trace	0	19	A
3142	" "	14	55	15	16	0.5	2	53	A
3143	" "	23	40.0	23	50.3	1.1	3	16	A S. at 23 ^h 48 ^m .7
3144	" 7	20	32			trace	0	14	A
3145	" 10	1	13			0.1	0	34	A
3146	" "	3	35			0.1	1	44	A
3147	" "	6	22			trace	0	12	A
3148	" "	8	9			0.1	2	4	A
3149	" "	23	58			0.1	5	38	A Nearly continuous small tremors.
3150	" 11	6	18			trace	0	12	A
3151	" "	7	17			trace	0	59	A
3152	" 12	5	4			trace	0	3	A Very slight
3153	" "	8	5			trace	0	30	A
3154	" "	9	49			trace	0	3	A Very slight
3155	" 13	1	52			0.1	4	26	A Nearly continuous small tremors.
3156	" "	6	56.8	7	?	?	4	2	A Maximum lost. Beginning very sudden.

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Director Superintendent H. Knox-Shaw.

I.N. 2230-1913-3000 ex.

No.	DATE 1915.	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3157	Jan. 14	3	12	5	23	0.3	2	34	A
3158	"	9	41			trace	0	34	A
3159	15	3	30			trace	1	22	A
3160	"	8	24			trace	0	4	A
3161	"	9	44			trace	0	25	A
3162	15	6	9			trace	0	19	A
3163	"	7	?			trace	1	?	A Beginning lost
3164	"	9	41			trace	0	7	A
3165	17	1	20			trace	0	5	A
3166	21	15	25			trace	1	0	A
3167	"	22	32			trace	0	22	A
3168	24	8	17			trace	0	6	A
3169	26	8	24	8	33	0.1	0	25	A
3170	"	14	56			trace	0	8	A
3171	27	1	14	1	25.7	3.0	2	7	A Maximum rather indefinite
3172	"	22	52.7			0.2	0	11	A Sudden beginning
3173	28	2	57			0.2	0	21	A
3174	"	3	50.9	3	54.1	0.4	0	47	A Sudden beginning
3175	"	5	27.5	5	28	0.2	0	21	A Sudden beginning
3176	"	9	2			trace	0	5	A Very faint
3177	"	20	19.8			0.1	0	11	A Sudden beginning
3178	30	8	20			0.1	0	28	A S. at 8h 25m
3179	"	9	22			0.1	0	57	A
3180	"	15	13			trace	0	5	A
3181	"	17	48.2	17	48.6	0.2	0	19	A Sudden beginning
3182	31	4	10			trace	0	7	A
3183	"	16	4			trace	0	30	A ✓

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of February 1915.

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 Seismograph A records E.W. motion; Seismograph B records N.S. motion.

REGISTER FROM KHEDIVIAL OBSERVATORY, HELWAN, EGYPT.

H. Knox-Shaw Superintendent H. Knox-Shaw.

I.N. 2230-1913-3000 ex.

No.	DATE 1915 .	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.	
		H.	M.	H.	M.	mm.	H.	M.		
3184	Febr.	1	17	22.7	17	23.0	0.2	1	27	A
3185		3	22	23			0.2	38	50	A Nearly continuous small tremors.
3186		6	1	2			trace	0	10	A
3187		"	5	3			0.1	4	42	A Nearly continuous small tremors.
3188		"	22	3	22	10.7	1.1	1	24	A(S at 22 ^h 10 ^m 3 At 22 ^h 4 ^m 7 (preliminary tremors suddenly increase in amplitude.
3189		7	2	49			trace	0	7	A
3190		"	7	18			trace	1	56	A
3191		"	14	36			trace	0	4	A Very slight.
3192		8	11	13	11	28	0.2	0	50	A
3193		10	4	2	4	49.6	0.5	6	54	A Nearly continuous
3194		"	7	?			trace	3	?	A Beginning lost, Nearly continuous small tremors.
3195		"	16	40			trace	0	13	A
3196		"	19	30			trace	0	5	A
3196		11	4	6			0.1	1	36	A
3197		"	7	?	8	44	0.2			A Beginning lost, end 9 ^h 43 ^m
3198		14	8	25	8	30.6	0.5	1	10	A
3199		"	23	35			0.1	0	11	A
3200		19	14	46	14	48	0.1	0	14	A
3201		20	8	20			0.1	0	21	A
3202		"	16	3			trace	0	47	A
3203		21	5	46	5	56	0.2	0	52	A
3204		"	15	8	15	16.2	0.7	1	10	A S at 15 ^h 15 ^m 0
3205		25	10	24			trace	0	36	A
3206		"	11	27			trace	0	12	A Very slight.
3207		"	14	10			0.1	1	6	A
3208		"	19	37			trace	0	14	A
3209		"	20	55			0.2	2	51	A
3210		26	3	39			trace	2	2	A
3211		28	12	55	12	58	0.3	1	2	A
3212		"	19	11	19	53.5	0.8	3	14	A

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of March 1915.

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I.N. 2230-1913-3000 ex.

No.	DATE 191 .	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3213	March 2	0	57			0.1	7	48	A Nearly continuous small tremors.
3214	"	13	13.4	13	14.3	0.1	0	6	A
3215	3	2	5			trace	0	8	A
3216	5	2	6			0.1	0	36	A
3217	"	5	29			trace	0	32	A
3218	6	1	20			trace	0	39	A
3219	8	4	35	4	40.0	0.5	0	45	A S at 4h 39.2m
3220	"	15	45	16	29	0.3	3	08	A
3221	10	1	0	1	50	0.2	2	48	A
3222	"	16	13			0.1	1	3	A
3223	11	0	59			trace	0	15	A
3224	"	16	54			0.2	3	58	A Nearly continuous small tremors.
3225	12	0	49			0.1	0	19	A
3226	"	15	2	15	51	0.4	2	32	A S at 15h 11.2m
3227	13	1	38			trace	0	12	A Very slight.
3228	"	3	55			0.1	1	38	A
3229	"	8	8			0.1	1	55	A
3230	"	23	48			0.1	10	31	A Continuous small tremors.
3231	15	5	59			trace	0	17	A
3232	16	23	59			trace	0	6	A Very slight.
3233	17	18	58	19	9.0	0.5	1	37	A S at 19h 7.7m
3234	18	2	13	3	1	0.2	1	2	A
3235	"	2	55	21	9.9	1.1	2	5	A S at 21h 8.6m curiously irregular.
3236	19	16	6			0.1	0	30	A

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		H.	M.	H.	M.	mm.	H.	M.	
3237	March 21	23	29			trace	0	6	A
3238	" 23	22	31			trace	0	49	A
3239	" 26	5	48			0.2			A End lost between 7 ^h and 8 ^h
3240	" 14	8				trace	0	14	A
3241	" 27	15	56			trace	0	11	A Very slight
3242	" 28	8	6			trace	0	24	A
3243	" 20	57				trace	0	28	A
3244	" 30	9	44	10	5.6	0.5	1	20	A
3245	" 31	18	13			0.1	0	37	A

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of April 1915.

Time is Greenwich Civil Mean Time, in hours, minutes, and decimals of a minute; 0 or 24 H = midnight.

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Seismograph A records E.W. motion; Seismograph B records N.S. motion.

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Director Superintendent H. Knox-Shaw.

L.N. 2230-1913-3000 ex.

No.	DATE 1915 .	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3246	April 1	5	48.3	5	57.3	0.2	0	35	A
3247	" 2	6	31			0.1			A End lost between 7 ^h & 8 ^h .
3248	" 11	57.6				0.1	0	26	A
3249	" 3	4	17.4			0.2	0	41	A
3250	" 5	59				trace	0	11	A Very slight.
3251	" 14	3.7	14	26.6		1.0	2	0	A
3252	" 20	55				0.2	3	28	A
3253	" 4	9	55			0.1	2	56	A
3254	" 16	4				0.1	3	58	A
3255	" 5	6	35				1	25	A Maximum lost.
3256	" 22	29	23	2.7		0.3	1	21	A
3257	" 6	5	56			0.1			A End lost between 7 ^h & 8 ^h
3258	" 7	16	19.4	17	4.1	0.5	1	44	A
3259	" 8	14	42			0.2	1	44	A
3260	" 9	3	20			trace	0	19	A Very slight.
3261	" 23	54				0.1	0	58	A
3262	" 12	0	48			trace	0	8	A
3263	" 23	14.0				0.1	0	32	A
3264	" 16	0	57			trace	1	8	A Very slight.
3265	" 14	14				0.1	0	54	A
3266	" 18	14	35			trace	0	15	A Very slight.
3267	" 19	2	9.0			0.1	0	6	A
3268	" 22	15	40			trace	0	5	A
3269	" 19	13.7	19	36.3		0.9	1	28	A ✓

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LN. 2230-1913-3000 ex.

No.	DATE 1915.	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3270	April 23	15	49.4			0.1	1	18	A
3271	24	17	34.6			0.1	1	2	A
3272	25	0	20			0.1	1	25	A
3273	26	3	48			trace	0	28	A Very slight.
3274	"	18	35			trace	0	6	A " "
3275	27	11	10			trace	0	19	A " "
3276	28	3	38	3	57.0	0.3	1	23	A
3277	"	23	8			trace	0	3	A " "
3278	29	20	9			0.1	0	24	A
3279	30	2	24			0.1	1	14	A

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of May 1915.

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Diplo~~mat~~ Superintendent H. Knox-Shaw.

I.N. 2230-1913-3000 ex.

No.	DATE		Commencement.		MAXIMUM.		MAXIMUM	DURATION.		REMARKS.
	191 <u>5</u>		H.	M.	H.	M.	AMPLITUDE.	H.	M.	
							mm.			
3280	May	1	0	4.6			0.1	0	17	A
3281	"	5	13.0	5	58.2		6.1	10	4	A S at 5 ^h 23 ^m .1
3282	"	21	42				trace	0	7	A Very slight.
3283	2	4	23	4	59		0.3	4	41	A Nearly continuous tremors
3284	"	15	6				trace	0	7	A Very slight.
3285	3	3	38.1	4	15.3		0.5	4	38	A
3286	"	13	18				trace	0	48	A
3287	"	22	18				0.1	2	14	A
3288	4	23	11				0.2	0	46	A
3289	5	11	36				0.2	6	8	A Nearly continuous small tremors.
3290	6	12	38				0.1	2	21	A
3291	7	8	5				trace	0	10	A Very slight.
3292	8	6	9				trace	0	16	A Very slight
3293	"	13	52.9	14	12.2		5.5	2	18	A
3294	12	10	39.4	11	4.4		5.6	7	28	A
3295	14	7	?				0.2	?		A Ending 10 ^h 2 ^m
3296	"	15	20				0.1	1	40	A
3297	16	17	44				0.1	1	11	A
3298	17	10	46				0.1	0	20	A
3299	"	14	11				0.1	0	21	A
3300	18	15	38				0.1	0	21	A
3301	19	4	52.7	5	1.3		0.8	0	58	A
3302	20	2	52				trace	0	5	A Very slight.
3303	21	4	26.5	4	33.3		11.2	2	25	A S at 4 ^h 29 ^m .9

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No.	DATE 191 <u>5</u> .	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3304	May 26	15	12.2			0.2	0	19	A
3305 a	"	18	12			0.2	0	19	A
3305 b	"	18	57	19	00	0.7	0	35	A
3306	28	3	59			0.1	0	15	A
<p>Note : From May 21st. At 7^h to May 26th. at 10ⁿ the Seismograph was not working.</p>									

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of June 1915.

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		H.	M.	H.	M.	mm.	H.	M.	
3307	June 1	14	9.2	14	22.3	0.4	4	5	A
3308	" 3	8	23			trace	0	13	A
3309	" "	13	2			trace	0	7	A
3310	" 4	1	1			trace	0	3	A Very slight
3311	" "	11	57			0.1	0	14	A
3312	" "	17	27.6	17	36.1	0.6	0	50	A
3313	" "	22	22.5			0.2	2	54	A
3314	" 6	5	24			0.1	0	38	A
3315	" "	7	31.9	9	21.5	0.5	3	11	A
3316	" "	17	27			0.1	1	2	A
3317	" "	20	6.8				?		A Slight tremor, end mixed with the following one.
3318	" "	21	48.6?	22	39.2	10.0	4	21	A S. at 21 ^h 54.3 ^m
3319	" 7	11	57			0.1	2	8	A
3320	" "	22	22.7			0.1	1	30	A
3321	" 9	8	15			trace	0	18	A
3322	" 11	7	40			0.1	0	12	A
3323	" "	14	17			trace	0	9	A
3324	" "	15	14			0.1	2	42	A
3325	" 14	4	0			0.1	1	28	A
3326	" "	23	0			0.1	0	38	A
3327	" 17	5	59			trace	0	48	A Very slight
3328	" "	13	12			0.1	0	12	A
3329	" "	23	56			0.2	1	17	A
3330	" 19	17	0			trace	0	5	A Very slight
3331	" 22	3	42.0	4	32.0	0.9	1	42	A

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		H.	M.	H.	M.		mm.	H.	
3332	June 22	13	46			0.1	0	33	A
3333	23	4	58			0.1	1	56	A
3334	24	5	23			0.3	1	20	A
3335	"	12	53			trace	0	7	A
3336	26	4	54			trace	0	10	A
3337	27	5	45			0.1	0	21	A
3338	29	14	59			0.1	1	29	A
3339	30	20	7			0.2	0	16	A ✓

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of July 1915.

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Director Superintendent H. Knox-Shaw

L.N. 2230-1913-3000 ex.

No.	DATE 19 <u>15</u>	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3340	July 2	2	14			trace	0	5	A Very slight
3341	" 4	0	6			trace	0	13	A " "
3342	" 2	47				0.1	0	13	A
3343	" 5	5	10			0.1	0	6	A
3344	" 9	2				trace	0	5	A " "
3345	" 12	33				trace	0	8	A
3346	" 7	16	48	16	52	0.3	0	26	A
3347	" 8	20	44			0.1	0	52	A
3348	" 10	10	34			trace	0	12	A
3349	" 11	11	42			0.1	0	49	A
3350	" 12	2	46			trace	0	19	A
3351	" 13	53				trace	0	17	A " "
3352	" 23	32				0.1	0	53	A
3353	" 13	20	23			trace	0	6	A " "
3354	" 14	2	52			trace	0	6	A
3355	" 5	52				trace	0	8	A
3356	" 10	26				trace	0	9	A
3357	" 18	48.4	18	48.7		5.3	0	23	A (Very sudden beginning; (another wave at 19h 00m)
3358	" 23	18	12			trace	0	6	A
3359	" 25	7	--	7	32.7	0.1	-	--	A Beginning lost
3360	" 21	52				trace	0	13	A
3361	" 27	7	57			trace	0	3	A Very slight
3362	" 28	10	29			0.1	1	12	A
3363	" 31	1	43.5	2	30.7	2.3	4	6	A S. at 1 ^h 54 ^m 8

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of August 1915.

Time is Greenwich Civil Mean Time, in hours, minutes, and decimals of a minute: 0 or 24 H = midnight.
 1 millimetre of amplitude = Velocity of paper = 25 centimetres per hour.
 Seismograph A records E.W. motion; Seismograph B records N.S. motion.

REGISTER FROM KHEDIVAL OBSERVATORY, HELWAN, EGYPT.

Alfred Superintendent H. Knox-Shaw.

I.N. 2230-1913-3000 ex.

No.	DATE 1915.	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3364	Aug. 3	8	1			trace	0	9	A
3365	" 13	21				0.3	3	24	A
3366	6 13	26				0.5	3	32	A
3367	7 5	29				trace	0	7	A Very slight.
3368	" 15	7.0		15	19.8	2.5	3	39	A S. at 5 ^h 12 ^m 1
3369	" 23	00				trace	0	6	A Very slight.
3370	8 1	43				trace	0	15	A Very slight.
3371	9 9	52				trace	0	10	A Very slight.
3372	10 0	54		1	2.4	0.5	0	47	A
3373	" 2	5		2	18.0	1.2	1	53	A
3374	11 9	12.8		9	23.7	5.4	2	12	A S. at 9 ^h 15 ^m 5
3375	" 13	38				trace	0	4	A
3376	" 17	54				0.1	0	15	A
3377	" 21	00				trace	0	6	A Very slight.
3378	12 4	52				trace	0	5	A
3379	" 7	49		9	53.7	0.9	3	11	A
3380	" 12	6				0.1	0	36	A
3381	" 22	10				0.1	0	14	A
3382	13 0	11				0.1	0	9	A
3383	" 19	39				0.1	0	24	A
3384	14 7	32				0.1	0	11	A
3385	" 16	49				trace	0	8	A
3386	16 1	22				0.2	2	58	A
3387	19 0	25.4		1	3.0	0.8	1	59	A
3388	" 6	46					1	2	A Maximum lost.
3389	" 17	20				0.1	0	8	A ✓

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of **August** 191 **5**.

Time is Greenwich Civil Mean Time, in hours, minutes, and decimals of a minute: 0 or 24 H = midnight.

1 millimetre of amplitude = Velocity of paper = 25 centimetres per hour.

Seismograph A records E.W. motion; Seismograph B records N.S. motion.

REGISTER FROM KHEDIVIAL OBSERVATORY, HELWAN, EGYPT.

Whitford Superintendent H. Knox-Shaw.

L.N. 2230-1913-3000 ex.

No.	DATE 191 5	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3390	Aug. 20	5	13			trace	0	4	A Very slight.
3391	22	11	19			trace	0	16	A
3392	23	12	47			0.1	0	6	A
3393	26	5	36			trace	0	8	A
3394	27	3	54			trace	0	12	A
3395	28	9	57			0.1	0	10	A
3396	30	19	6			trace	0	7	A
3397	31	21	3			0.2	1	15	A ✓

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of September 1915.

Time is Greenwich Civil Mean Time, in hours, minutes, and decimals of a minute: 0 or 24 H = midnight.

1 millimetre of amplitude = Velocity of paper = 25 centimetres per hour.

Seismograph A records E.W. motion; Seismograph B records N.S. motion.

REGISTER FROM KHEDIVIAL OBSERVATORY, HELWAN, EGYPT.

H. Knox-Shaw Superintendent H. Knox-Shaw.

I.N. 2230-1913-3000 ex.

No.	DATE 191 <u>5</u>	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3398	Sept. 1	1	18			0.2	1	45	A
3399	" 3	2	15			trace	0	3	A
3400	" 23	45				0.1	0	25	A
3401	" 5	12	40			0.1	0	56	A
3402	" 6	17	45	19	23.7	0.5	3	15	A
3403	" 7	1	34.2	2	33.4	4.9	5	42	A
3404	" 13	56				0.1	0	20	A
3405	" 21	50				trace	0	18	A
3406	" 8	13	19			0.1	0	7	A
3407	" 19	12				trace	0	8	A Very slight.
3408	" 10	22	48			0.1	0	18	A
3409	" 12	0	12			0.2	1	19	A
3410	" 20	55		21	34.2	0.8	2	11	A
3411	" 13	19	45			trace	0	34	A
3412	" 15	23	28			trace	0	7	A
3413	" 16	10	43			trace	0	5	A
3414	" 17	5	54			trace			A End lost between 7 ^h & 8 ^h
3415	" 9	39				0.1	0	8	A
3416	" 19	1	4			0.1	0	7	A
3417	" 11	7				trace	0	13	A
3418	" 12	5				0.1	0	30	A
3419	" 20	1	3			trace	0	4	A
3420	" 23	34				0.1	0	11	A
3421	" 23	8	18.8	8	49.6	2.4	2	23	A S. at 8 ^h 22 ^m .6
3422	" 13	37				0.1	0	2	A
3423	" 27	18	54			0.1	0	44	A
3424	" 28	10	48			trace	0	20	A Very slight.
3425	" 22	20				0.1	0	11	A

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of October 1915.

Time is Greenwich Civil Mean Time, in hours, minutes, and decimals of a minute: 0 or 24 H = midnight.

1 millimetre of amplitude = Velocity of paper = 25 centimetres per hour.

Seismograph A records E.W. motion; Seismograph B records N.S. motion.

REGISTER FROM KHEDIVIAL OBSERVATORY, HELWAN, EGYPT.

D. Knox-Shaw Superintendent H. Knox-Shaw.

L.N. 2230-1913-3000 ex.

No.	DATE 191 <u>5</u> .	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3426	Oct. 2	2	57			trace	0	11	A
3427	3	2	56			trace	0	32	A
3428	" 4	4	9			trace	0	7	A Very slight.
3429	" 7	7	7				3	53	A Large tremor, maximum lost.
3430	4	12	00			0.1	0	13	A
3431	5	14	6			0.3	2	17	A
3432	6	4	31			trace	0	7	A Very slight.
34333	7	14	35			trace	0	5	A
3434	8	0	41			trace	0	2	A Very slight.
3435	" 15	49				0.1	0	59	A
3436	10	11	1			0.1	0	47	A
3437	11	2	57.6	3	23.7	0.7	1	20	A
3438	" 5	30				trace	0	3	A
3439	" 17	9				trace	0	15	A
3440	" 19	56				0.2	2	00	A
3441	12	3	29			0.1	0	15	A
3442	" 7	44				trace	0	16	A
3443	" 21	52				0.2	1	28	A
3444	13	3	25			trace	0	29	A
3445	14								A Tremor ending at 8 ^h 6 ^m
3446	" 19	2				0.1	1	00	A
3447	15	4	54			trace	0	5	A
3448	17	23	54			trace	0	5	A
3449	19	23	50			0.1	0	27	A
3450	24	17	15			0.1	0	17	A
3451	26	13	13			0.2	0	12	A
3452	" 18	24				0.1	0	21	A
3453	31	9	33			0.2	1	2	A
3454	" 16	11				0.2	0	33	A

Instrument not working on October 14th. from 3^h 20^m to 7^h 00^m.

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of November 191 5

Time is Greenwich Civil Mean Time, in hours, minutes, and decimals of a minute; 0 or 24 H = midnight.

1 millimetre of amplitude = Velocity of paper = 25 centimetres per hour.

Seismograph A records E.W. motion; Seismograph B records N.S. motion.

REGISTER FROM KHEDIVIAL OBSERVATORY, HELWAN, EGYPT.

D. H. Knox-Shaw Superintendent H. Knox-Shaw.

L.N. 2230-1913-3000 ex.

No.	DATE 191 5.	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3455	Nov. 1	7	35.8	8	29.0	4.2	5	8	A S. at 7 ^h 46 ^m .2
3456	"	16	35.3			0.1	0	38	A
3457	"	4	35.8			0.1	0	7	A
3458	"	12	10 11			trace	0	13	A
3459	"	16	2 33			trace	0	27	A
3460	"	"	13 46			0.2	0	11	A
3461	"	18	4 24.4						A End lost
3462	"	"	20 31			0.4	1	37	A
3463	"	20	15 22			0.2	2	7	A
3464	"	21	0 40	1	34.4	0.5	3	14	A
3465	"	"	10 38			0.1	0	22	A
3466	"	"	13 1			trace	0	14	A
3467	"	22	11 2			0.2	0	28	A
3468	"	23	5 42			0.1	0	7	A
3469	"	24	7 6			0.1	1	9	A
3470	"	26	8 13			trace	0	28	A
3471	"	"	19 59			0.1	1	5	A
N.B.- The instrument was not working on :									
Nov. 10th. from 3 ^h to 7 ^h									
18th. from 3 ^h to 7 ^h									
21st. from 21 ^h to Nov. 22nd. at 7 ^h									
23rd. from 0 ^h to Nov. 24th. at 7 ^h									
26th. from 23 ^h to the end of the month.									

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of December 1915.

Time is Greenwich Civil Mean Time, in hours, minutes, and decimals of a minute; 0 or 24 H = midnight.
 1 millimetre of amplitude = Velocity of paper = 25 centimetres per hour.
 Seismograph A records E.W. motion; Seismograph B records N.S. motion.

REGISTER FROM ~~THE~~ MEDICAL OBSERVATORY, HELWAN, EGYPT.

~~Director~~ Superintendent H. Knox-Shaw.

I.N. 2230-1913-3000 ex.

No.	DATE 191 <u>5</u>	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.		mm.	H.	
3472	Dec. 9	15	10			0.1	0	27	A
3473	10	9	31			0.2	0	5	A
3474	12	22	1			0.1	0	40	A
3475	17								(A large tremor beginning A) lost between 7h. & 8h. (ending 8h. 45m.
3476	18	18	44			0.3	1	20	A)
	"	16	44			0.1	0	51	B)
3477	"	22	21			trace	0	7	A only
3478	"	23	50			trace	0	4	A only. Very slight.
3479	19	20	33	20	57.3	1.1	1	34	A)
	"	20	45			trace	0	40	B)
3480	22	12	6			trace	0	43	A)
	"	12	5			tree	0	7	B)
3481	"	17	51			trace	0	5	A only
3482	"	19	00			trace	0	3	B only
3483	"	20	10			trace	0	7	B only
3484	24	22	28			trace	0	11	A)
	"	22	31			trace	0	24	B)
3485	25	6	12				2	53	A) Maximum lost.
	"	6	8				2	36	B) Maximum lost.
3486	"	22	18			0.3	12	33	A) Nearly continuous
	"	22	18			0.2	14	16	B) small tremors.
3487	29	0	3.5	0	48.6	0.6	1	27	A)
	"	0	5.4			0.2	2	3	B)
3488	30	2	55			0.1	0	3	A)
	"	2	55			0.1	0	6	B)
3489	31	12	47			0.2	2	31	A)
	"	12	46			0.1	2	52	B)
3490	"	19	17			0.1	0	49	A)
	"	19	20			trace	0	46	B)

EARTHQUAKE RECORDS BY MILNE SEISMOGRAPH.

For the month of December 1915.

Time is Greenwich Civil Mean Time, in hours, minutes, and decimals of a minute: 0 or 24 H = midnight.

1 millimetre of amplitude = Velocity of paper = 25 centimetres per hour.

Seismograph A records E.W. motion; Seismograph B records N.S. motion.

REGISTER FROM ~~KHEWILA~~ OBSERVATORY, HELWAN, EGYPT.*Director.* Superintendent H. Knox-Shaw.

I.N. 2230-1913-3000 ex.

No.	DATE 19 <u>5</u>	Commencement.		MAXIMUM.		MAXIMUM AMPLITUDE.	DURATION.		REMARKS.
		H.	M.	H.	M.	mm.	H.	M.	
3491	Dec. 31	23	14			0.2	1	53	A)
	"	23	15			0.2	2	10	B)
N.B.	Seismograph A was not working from :								
	Dec. 1st. at 0 ^h to Dec. 9th. at 12 ^h								
	Dec. 20th. at 1 ^h to Dec. 21st. at 9 ^h								
	Dec. 23rd. at 23 ^h to Dec. 24th. at 9 ^h								
	Seismograph B was started on Dec. 18th. 1915 at 11 ^h 00 ^m								
	but was not working from Dec. 27th. at 10 ^h to the 28th. at 9 ^h								
