

S. St. Louis University.

Pu. Monthly Bulletin; Preliminary report on Epicenters.

St. Louis University. *See* Florissant, No. 75.

St. Xavier College. *See* Cincinnati, No. 55.

Saitamaken-Kumagaya-Sokkosyoty. *See* Kumagaya, No. 146.

259. Sakai.

A. Sakai Meteorological Observatory, Sakai, Japan.

P.

C.-F. 35° 33' N; 133° 14' E.

I. Omori portable, horizontal.

S.

Pu.

260. Samarkand.

A. Seismologic Station, Vseobuch Boulevard 8, Samarkand, Turkestan, U. S. S. R.

P. M. P. Repnikov, Official in charge.

C.-F. 39° 39' N; 66° 52' E. Alluvium.

I. Galitzin mechanical registration, N and E, 1913.

S. Uzbekistan Scientific Center.

Pu. No publication.

261. San Fernando.

A. Instituto y Observatorio de Marina, San Fernando (Cadiz), España.

P. Leon Herrero y Garcia, Director. Salvador de Matos Sestelo, in charge.

C.-F. 36° 28' N; 6° 12' W. 28 m. Calcareous rock.

I. Milne, N and E; Bifilar pendulum, N, N and E; Vertical pendulum; 1928.

S. Government of Spain.

Pu. Monthly Bulletin.

262. San Juan.

A. San Juan Magnetic Observatory, Box 3067, San Juan, Porto Rico, U. S. A.

P. Eoline R. Hand, Officer in charge; James W. Roberts, Assistant.

C.-F. 18° 23' N; 66° 07' W. 80 m. Broken limestone.

I. Bosch-Omeri, N and E, 1926 (Discontinued, 1928); Wenner, N and E, 1930.

S. U. S. Coast and Geodetic Survey, Washington, D. C., U. S. A.

Pu. Monthly Report; Earthquakes of the United States, Annual.

MISCELLANEOUS INSTRUMENTS—Continued

Station	Instrument	C	Mass kg.	T _o	V _m	Damping			Paper speed mm./min.	Up
						Kind	ε	r/T _o ²		
Collegio Romano, Rome, Italy	Agamennone	NE	50	8	50	....	...	....	27	..
	Agamennone	NW	50	8	50	....	....	....	27	..
San Fernando, Spain	.....	N	1100	30	16	....	....	.001	15	S
	.....	N	600	13	90	....	....	.005	15	N
	.....	E	60	24	12	....	....	.0004	15	W
	.....	Z	700	2	270	....	....	.06	15	E
San Juan, Porto Rico	Wenner, galvanometric registration	N	....	12.5	1500	electro	20	....	16	E
	.....	E	....	....	....	magnetic	....	....	....	E
Santiago, Chile	.....	N & E	850	18	80	air	3	.015	..	..
Sendai, Japan	Omori microseismograph	....	....	15	120	....	....	....	..	..
Stuttgart, Germany	Nakamura	Z	....	10	10	....	....	....	..	..
	Horizontal pendulum	N	80	10	54	magnetic	3	....	15	..
	Horizontal pendulum	E	80	8	53	magnetic	2	....	15	..
Subiaco, Italy	Astatic pendulum	N & E	30	....	....	....	....	....	..	..
Sucre, Bolivia	Bi-filar	N & E	3000	12	300	....	3	.002	10	..
	.....	Z	1340	3	670	none	....	.002	..	..
Tacubaya, Mexico	Wiechert-Minthrop, Schmidt trifilar	....	....	....	....	....	....	....	..	..
Takata, Japan	Nakamura	N & E	....	3.3	20	....	....	....	..	..
Tananarive, Madagascar	Cecchi	....	....	....	....	....	....	....	..	..
Tarente, Italy	Cartuja bi-filar	E	500	12	25	....	....	....	12	..
Tiflis, USSR	Cancani	....	....	....	....	....	....	....	60	..
Tokyo, Japan	Gray-Ewing, automatic starting	N & E	1.5	5	2	....	1.5	....	100	..
	.....	Z	.75	5	2	....	1.2	....	100	..
	Tanaru accelerometer	....	....	....	....	....	....	....	..	..
Tortosa, Spain*	Tanakadate	N, E & Z	1.5	2	1	....	....	....	.03	..
	.....	....	1.5	2	1	....	....	....	..	..
	Ishimoto clinograph	....	.0007	20	10	....	....	....	..	..

*See Ebro.