

WORLD'S GREATEST OBSERVED POINT RAINFALLS

ARTHUR H. JENNINGS

Hydrometeorological Section

U. S. Weather Bureau, Washington, D. C.

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The accompanying figure 1 and table 1 present the most recent values of the depths and durations of the world's greatest observed point rainfalls. Since previous publication of similar data¹ several record rainfalls have occurred and many other records have been found. The most recent record is the 12-inch amount in 42 minutes at Holt, Mo., on June 22, 1947.

Some records recently found are those for Cherrapunji, India, in 1931 and the 2-day value for Funkiko, Formosa. A survey of the 1931 daily rainfall records for Cherrapunji, India, reveals that the 7- and 8-day accumulations are greater than those for like durations in 1876. The 15-day total in June-July 1931 is slightly more than half the record monthly total for July 1861 for which daily amounts are not available. The records for Funkiko, Formosa, show the greatest 2-day amount, as well as the greatest 3-day amount, replacing Cherrapunji for the 2-day record.

Some additional record amounts, which give support to the greatest observed amounts, are listed in table 1 but are not plotted on figure 1. These are marked with an asterisk.

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¹ MONTHLY WEATHER REVIEW, December 1941, p. 357.

TABLE 1.—World's greatest observed point rainfalls

Duration	Depth (inches)	Station	Date	Reference
1 min	0.65	Opid's Camp, Calif.	Apr. 5, 1926	1
5 min	2.48	Porto Bello, Panama	Nov. 29, 1911	2
8 min	4.96	Füssen, Bavaria	May 25, 1920	3
14 min	3.95	Galveston, Tex.	June 4, 1871	2
15 min	7.80	Plumb Point, Jamaica	May 12, 1916	4
20 min	8.10	Curtea-de-Argés, Roumania	July 7, 1889	2
40 min	9.25	Guinea, Va.	Aug. 24, 1906	5
42 min	12.00	Holt, Mo.	June 22, 1947	6
1 hr	10.00	Catskill, N. Y.	July 26, 1819	7
1 hr, 20 min	11.50	Campo, Calif.	Aug. 21, 1891	8
2 hr, 10 min	19.00	Rockport, W. Va.	July 18, 1889	9
2 hr, 45 min	22.00	D'Hanis, Tex. (17 miles NNW)	May 31, 1935	10
3 hr	16.00	Concord, Pa.	Aug. 5, 1843	11
4 hr	23.00	Bassetere, St. Kitts, West Indies	Jan. 12, 1880	2
4 hr, 30 min	30.8+	Smethport, Pa.	July 18, 1942	12
12 hr	26.58	Baguio, Philippine Islands	July 15, 1911	13
15 hr	34.50	Smethport, Pa.	July 17-18, 1942	12
18 hr	36.40	Thrall, Tex.	Sept. 9, 1921	13
24 hr	45.99	Baguio, Philippine Islands	July 14-15, 1911	14
Do	40.80	Cherrapunji, India	June 14, 1876	15
Do	*40.71	Funkiko, Formosa	Aug. 31, 1911	16
Do	*40.10	Jowai, India	Sept. 11, 1877	17
39 hr	62.39	Baguio, Philippine Islands	July 14-16, 1911	13
2 days	65.79	Funkiko, Formosa	July 19-20, 1913	16
Do	*63.64	Cherrapunji, India	June 14-15, 1876	15
Do	*61.21	do	June 26-27, 1931	15
Do	*57.50	Silver Hill Plantation, Jamaica	Nov. 6-7, 1909	4

TABLE 1.—World's greatest observed point rainfalls—Continued

Duration	Depth (inches)	Station	Date	Reference
2 days, 15 hr	79.12	Baguio, Philippine Islands	July 14-17, 1911	13
3 days	81.54	Funkiko, Formosa	July 18-20, 1913	16
Do	*80.52	Cherrapunji, India	June 25-27, 1931	15
Do	*79.00	do	June 12-14, 1876	15
Do	*78.50	Silver Hill Plantation, Jamaica	Nov. 5-7, 1909	4
3 days, 15 hr	87.01	Baguio, Philippine Islands	July 14-18, 1911	13
4 days	101.84	Cherrapunji, India	June 12-15, 1876	15
Do	*98.50	Silver Hill Plantation, Jamaica	Nov. 5-8, 1909	4
Do	*94.28	Cherrapunji, India	June 24-27, 1931	15
5 days	150.—	do	August 1841	18
Do	114.50	Silver Hill Plantation, Jamaica	Nov. 5-9, 1909	4
Do	*114.14	Cherrapunji, India	June 12-16, 1876	15
Do	*107.17	do	June 24-28, 1931	15
6 days	122.50	Silver Hill Plantation, Jamaica	Nov. 5-10, 1909	4
Do	*119.37	Cherrapunji, India	June 11-16, 1876	15
Do	*116.35	do	June 24-29, 1931	15
7 days	131.15	do	June 24-30, 1931	15
Do	*129.00	Silver Hill Plantation, Jamaica	Nov. 4-10, 1909	4
Do	*126.69	Cherrapunji, India	June 10-16, 1876	15
8 days	135.05	do	June 24-July 1, 1931	15
Do	*135.00	Silver Hill Plantation, Jamaica	Nov. 4-11, 1909	4
Do	*133.39	Cherrapunji, India	June 9-16, 1876	15
15 days	188.88	do	June 24-July 8, 1931	15
31 days	366.14	do	July 1861	19
2 mo	502.63	do	June-July 1861	19
3 mo	644.44	do	May-July 1861	19
4 mo	737.70	do	Apr.-July 1861	19
5 mo	803.62	do	Apr.-Aug. 1861	19
6 mo	884.03	do	Apr.-Sept. 1861	19
11 mo	905.12	do	Jan.-Nov. 1861	19
1 yr	1,041.78	do	Aug. 1860-July 1861	19
2 yr	1,605.05	do	1860 and 1861	19

*Not plotted on chart.

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