

2364/5

RAINFALL at Hanley sewage works.

County of Staffordshire Observer W. H. Makepeace, Esq. R.E.

River Basin Trent S - +

Kestograph Rain Gauge, by M. T. &

Diameter	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Height											
Altitude											
January											
February											
March											
April											
May											
June											
July											
August											2.99
September											2.82
October											4.14
November											3.17
December											3.36
TOTALS											imp.

1930. Aug. 1. Gauge moved 2 m. N. 10° E.

Dwelling house 28' high, 150' N.
 Store house, 13' " 120' S.E.
 Sewage tanks, 10' " 125' S.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series | No. of Map..... Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1930			Stoke o/Trent	1 1/2 m.	N.	Stoke o/Trent	1 1/2 m.	N.

RAINFALL at

Hanley Sewage WorksCounty of StaffsObserver W. H. Makepeace, Esq.River Basin 4 - Trent - Left BankType of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

814375/28.

Diameter	5'	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
Height	1' 0"											
Altitude	386'											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January		3.08	2.82	1.69	2.28	1.55	4.01	3.80	3.84	5.68	2.52	312.7
February		3.63	2.20	4.73	3.32	3.22	1.85	5.04	1.99	1.43	2.42	240.3
March		1.17	1.84	2.40	2.01	1.76	1.69	2.15	1.74	2.21	2.07	160.4
April		4.14	2.89	0.86	2.03	3.13	1.65	2.35	1.14	1.55	2.11	215.5
May		3.57	4.77	1.18	1.16	1.78	1.77	2.08	2.28	1.32	1.89	198.0
June		4.04	6.61	2.94	1.10	4.00	3.05	1.94	1.78	2.29	1.44	221.0
July		3.56	3.35	1.81	1.09	1.78	5.84	2.52	3.01	7.10	3.17	332.3
August		6.01	1.64	0.72	2.53	1.85	2.82	1.25	4.30	1.84	.68	236.7
September		2.75	1.83	1.05	2.06	3.81	4.16	1.21	1.55	1.09	2.42	219.2
October		1.03	8.72	4.87	2.70	4.90	2.09	1.82	3.28	2.78	3.90	330.9
November		5.05	2.33	1.17	1.79	4.70	3.23	1.08	3.66	4.60	7.24	348.5
December		1.96	.87	0.24	4.71	4.23	3.09	2.49	3.93	1.64	2.63	267.9
TOTALS		38.99	28.57	23.66	23.78	33.71	314.24	29.76	29.50	33.73	32.49	308.42
		D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931 NB. Standard g in use from 15/1/31

1931 Dwelling house 36' high 100' W. Storehouse 11' high 28' E.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1931			Stoke-on-Trent	1/2 m.	SW.	Stoke-on-Trent	1/2 m.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. M. 2364/5

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RAINFALL at Hanley sewage works.

County of Staffs Observer W. H. Makepeace Esq.
 River Basin 4. Trent Left Bank
 Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 814375/1

Diameter	5"		089	262							
Height	1'0"			1							
Altitude	386'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	2.14	3.70	4.46	3.80	2.62	2.54	1.77	6.23	1.78	1.38	30.42
February	3.03	1.48	1.22	1.38	2.61	5.53	1.04	1.73	1.12	5.06	24.20
March	3.05	1.79	.82	.51	1.05	.96	5.19	.92	2.10	1.17	17.62
April	1.44	1.11	1.04	1.89	1.45	1.33	2.35	8.16	2.61	3.55	18.90
May	2.95	3.95	2.55	1.28	3.26	1.56	2.80	1.61	2.29	.73	22.98
June	.81	.51	3.00	2.76	2.83	2.62	1.79	4.53	.66	1.66	21.16
July	3.86	2.75	2.05	2.94	1.50	2.60	3.78	2.19	1.28	2.43	25.37
August	4.16	1.84	2.98	2.84	3.52	4.39	.62	6.70	2.55	4.72	34.32
September	.37	1.93	3.38	3.62	1.56	3.84	1.36	2.17	.44	4.17	22.74
October	3.62	3.01	2.38	4.15	5.04	.54	.45	2.28	3.96	1.13	26.46
November	3.03	.54	2.83	5.24	.36	5.03	3.30	2.02	3.92	4.01	30.28
December	1.69	2.87	1.53	2.15	2.78	3.74	2.86	2.59	2.90	3.01	27.02
TOTALS	29.94	25.48	28.24	32.49	28.58	34.68	27.31	36.12	28.61	33.02	301.47

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No.....
 1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

Station No. 2364/5 m

RAINFALL at Hanley (Sewage Works).

County of Staffordshire Observer W. H. Makepeace Esq.

River Basin. Trent - Left Bank - 14

Type of Gauge..... M.O.

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....
 " " 30.89 " " 24 " " 1931-57 " " 1916-1950 S File No. 814375/2

Diameter	5"		089	262							
Height	1' 0"			1							
Altitude	386			51							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	Means Total	
January	2.44	3.43	1.09	1.56	2.64	3.74	1.98	3.33	2.47	4.98	27.66
February	2.72	1.33	1.99	2.96	1.76	.66	2.75	4.04	.43	2.07	20.71
March	4.15	1.61	1.36	2.54	2.58	1.64	3.00	1.39	2.14	1.22	21.68
April	2.41	3.04	2.51	.60	1.64	1.08	.36	1.07	3.58	1.43	17.62
May	2.58	2.34	2.26	2.20	3.09	.77	1.11	3.19	.61	1.72	19.87
June	1.62	2.36	3.96	4.12	2.86	2.73	2.34	5.82	1.41	3.54	30.76
July	1.98	1.51	2.97	3.39	.51	4.30	5.03	3.40	1.58	3.06	27.73
August	4.63	2.18	2.92	5.31	1.11	6.07	5.57	3.78	.41	4.17	36.15
September	1.99	2.09	2.42	3.42	2.83	2.13	5.39	4.50	.11	4.32	29.20
October	.71	3.55	2.01	5.63	1.61	2.00	2.43	3.76	1.95	3.95	27.60
November	7.85	1.80	1.87	5.64	1.91	1.32	1.58	1.83	3.61	4.00	31.41
December	3.82	3.39	1.26	3.84	2.67	3.28	2.13	2.95	5.14	2.98	31.46
TOTALS	36.90	28.63	26.62	41.21	25.11	29.72	33.67	39.06	23.44	37.44	321.80

Position of Station on Ordnance One-Inch map:

No. of Map.

National Grid Reference SJ(33)986461

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C imp. 1930	✓ ✓	✓ ✓	