

RAINFALL AT Hooton Pumping Station

Lat.

Lon.

County of Cheshire

Aneroid Rain Gauge, by
C. Mealey - 3.

Diameter ...										5	
Height										1.6	
Altitude ...										97	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January61	1.80
February ...										2.24	.65
March										2.78	2.22
April										4.56	2.42
May										3.40	1.10
June.....										2.09	3.69
July										2.76	3.81
August.....										3.13	4.02
September ..										3.13	2.64
October ...										2.04	4.46
November ..										1.98	1.77
December...										1.41	5.46
TOTALS ...										30.23	34.04 ⁹

1905 Gledhill, Hooton Church 2 miles S E

Hooton Station 4 N

Eng. Home 30 ft high 100 ft N

1905 Holprinked Land

10 3783

RAINFALL at Norton Water Works P.S. Head Cheshire W.C.

County of Cheshire

Observer P. H. Bette Egy

River Basin Lower Mervay & C 3

a J Robinson

Sunder Rain Gauge, by

1916 Building 46 ft high 40 yds N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 20'	3°	Hastings	350 yds	N	St. Lawrence		

RAINFALL at Hooton Water Works

County of Cheshire

Observer A. J. Robinson Esq (Manager)

River Basin Lower Mersey &c 3

for West Cheshire Water Board.

Snowdon Rain Gauge, by

Diameter ...	67										
Height	100										
Altitude ...	97										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.71	3.56	4.09	1.87	2.42	1.84	1.86	2.80	4.10	1.75	3.98
February ...	2.90	2.24	2.50	4.09	1.75	4.45	2.32	1.45	2.56	.84	.27
March	4.13	1.50	1.97	1.10	1.46	1.81	1.95	3.07	1.89	.23	3.69
April.....	3.89	1.42	2.31	2.03	1.59	1.50	1.62	2.23	1.97	1.18	2.51
May	2.16	2.01	.85	2.83	5.55	2.81	3.47	1.36	1.59	1.70	1.84
June	4.06	2.27	2.01	.51	1.96	1.00	1.55	5.21	4.29	1.72	1.70
July	5.71	.99	4.23	3.17	5.11	3.24	4.23	3.65	1.78	3.20	5.45
August	1.86	3.99	3.53	3.63	5.60	5.08	2.85	5.99	3.57	3.52	4.23
September...	3.66	1.01	2.74	3.73	3.63	5.22	5.31	6.07	1.90	1.65	3.26
October.....	2.12	2.78	.46	5.11	3.59	3.95	3.39	2.46	3.62	4.69	5.28
November...	.54	2.42	1.51	3.29	2.20	3.37	4.00	3.75	4.10	4.79	3.80
December...	2.21	3.33	3.66	4.32	2.80	2.15	1.06	1.54	2.17	4.77	4.12
TOTALS...	35.95	23.52	29.86	26.68	35.66	34.42	31.61	39.58	33.49	30044	370.44
	11	11	P	D	a	D	D	D	D	D	D

1920 Building 46 ft high 40 yds N
1930 Chimney 100' " 150 yds N.W.

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	Parish Church.	Distance from gauge	Direction
1920	53° 20'	3°	Hooton	3007ds 350 320	N	Eastham	1 mi S.E. 1/2 mi	N.E.

RAINFALL at Hooton Waterworks

County of Cheshire

Observer A. J. Robinson, Esq.

River Basin Mersey Lower & C.-3

West Cheshire Water Board (1939)

Type of Gauge..... Snowdon. B.A 1940

Snowdon. B.A. 1940

Annual Average 3.02 in. based on 12 years obs. un-weighted. Period of average 1881-1912 Ref. 2

666522/26

Diameter	5"										
Height	1.6								1' 0"		
Altitude	97					100			97	100	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.42	2.13	1.40	2.00	1.45	5.23	2.16	3.73	4.76	2.25	28.53
February	3.07	.06	2.58	2.23	2.17	2.32	5.08	.46	2.34	2.18	20.49
March	.27	2.13	2.25	2.16	.76	1.51	1.87	.94	1.89	2.25	16.03
April	3.01	3.30	1.01	1.72	2.55	1.58	3.87	.18	1.79	2.22	21.23
May	2.75	4.46	1.19	1.67	1.85	.73	2.49	4.04	1.34	2.16	22.68
June	6.48	.87	1.99	1.22	4.02	3.49	1.77	1.93	2.61	.96	23.84
July	2.89	4.41	2.16	1.30	1.33	3.26	2.16	3.17	6.11	4.34	31.12
August	7.29	.76	1.41	2.97	1.58	1.64	1.17	4.16	1.77	.69	23.44
September	3.30	2.90	.56	1.94	5.31	3.48	1.77	1.32	.68	3.32	24.58
October	1.75	6.50	3.70	4.28	4.43	1.64	2.67	3.63	2.47	3.15	34.22
November	4.49	2.83	1.28	2.86	3.75	3.04	1.87	3.31	4.13	4.87	32.43
December	1.71	1.04	.88	4.72	4.14	3.55	3.23	3.64	2.34	2.31	27.56
TOTALS	39.43	30.89	20.41	27.07	33.34	31.47	30.10	30.51	32.23	30.70	30675 19.61

Chimney 100' high 150 yds. NW.

1940 Pumping Stn. Buildings 40' high 100' distant.

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

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church	Distance from gauge	Direction
1931			Hooton	wood	N.	Eastham	1m	NNE 12m

Station No. 2783

RAINFALL at Hooton Waterworks

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County of Cheshire

Observer West Cheshire Water Board

River Basin Mersey lower C.3

Type of Gauge P.A.

Annual Average 30.3 in. based on 18 years obs. un-weighted. Period of average 1881 - 1915

Ref. S

File No. 665522/36

Diameter	5"		550	391							
Height	1' 0"			1							
Altitude	97'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.45	3.34	3.54	3.43	2.29	3.14	2.31	6.22	2.52	.79	Total 30.03
February	2.91	1.52	1.53	1.37	1.96	3.51	.81	1.31	1.23	4.34	20.29
March	2.86	1.96	1.85	.90	.78	.84	4.27	.52	2.53	1.19	16.70
April	1.14	.90	.96	1.02	1.37	1.14	1.84	1.45	2.41	3.28	15.51
May	2.02	3.74	2.21	2.30	3.44	2.48	3.27	.88	2.69	.67	23.70
June	.54	2.82	2.02	2.13	2.22	4.08	2.09	3.71	.74	2.51	20.35
July	2.06	3.03	3.14	1.48	2.87	3.35	3.71	3.85	2.39	2.21	28.59
August	3.55	2.20	2.29	3.28	2.07	3.99	.29	2.54	1.61	4.28	26.10
September	.71	1.62	4.76	4.24	1.42	3.51	2.01	1.23	.92	4.34	24.76
October	3.08	2.78	4.06	3.69	3.65	.83	.58	1.75	3.02	1.99	25.43
November	2.36	.66	3.06	5.88	.30	3.54	3.42	1.58	4.85	4.03	29.68
December	1.31	2.90	1.09	2.77	2.13	3.70	2.43	2.96	4.49	3.61	27.39
TOTALS	24.49	24.93	29.51	32.99	24.50	34.11	27.03	28.00	29.43	33.24	288.83
	D	D	D	MP	D	D	D	D	D	D	MP

1941 Nearest object - Pump House Buildings.

1942 Softening House 20' high 4' W.

1944 n. plate.

Elevation above sea level 16' 6 inches.

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	Parish Church.	Distance from gauge.
1941			Hooton	567y	N20°W	St. Pauls	1733y E96

Station No. 2783

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RAINFALL at Hooton (Waterworks)

County of Cheshire

Observer West Cheshire Water Board

River Basin Mersey Lower & E. 3

Type of Gauge B.A.

Annual Average 30.3 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. 5
 31.16 - - 35 - - 1916-1950 1916-1956 File No. 5522/26 P

Diameter ...	5"			550	391						
Height ...	1' 6"				1						
Altitude ...	97'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means T-T-0-0
January ...	1.82	3.08	.93	2.36	1.96	3.34	1.29	2.70	3.32	4.72	25.52
February ...	2.47	.83	1.20	2.39	2.20	.40	2.12	4.45	.29	1.95	18.30
March ...	4.67	1.25	.81	2.02	2.15	1.10	1.56	1.67	1.39	1.51	18.13
April ...	1.24	1.61	2.28	.70	1.70	2.28	.51	.50	2.92	1.12	14.86
May ...	3.05	2.45	1.79	3.08	2.25	.85	1.40	2.83	1.39	2.02	21.11
June ...	1.20	1.92	1.69	4.05	3.76	2.25	1.27	4.65	2.33	0.91	24.03
July ...	1.35	2.12	2.74	4.63	.66	5.04	3.63	3.33	3.45	3.37	30.21
August ...	4.69	1.82	3.05	3.66	1.00	10.06	4.29	3.58	1.42	4.66	38.23
September ...	2.47	4.15	3.08	2.44	2.44	2.17	7.12	4.40	.22	3.29	31.78
October ...	97	3.63	1.46	5.67	1.90	2.55	1.98	2.64	2.23	4.07	27.10
November ...	6.16	2.54	2.43	5.64	1.60	1.39	.85	2.04	4.23	4.66	31.54
December ...	3.77	3.48	1.57	3.64	3.03	2.68	2.42	2.98	3.98	2.93	30.48
TOTALS ...	33.86	28.88	23.03	40.28	24.64	34.11	28.44	35.77	27.17	35.21	311.29

1951

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 331351.780

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Hooton	1/4 m. N.	Hooton	1 m. E.

Summary of Earlier Records from 10-year Sheets :

1916-1950, R-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ Hooton 11,17	✓ Hooton 24,26	✓	✓	✓