

10 2952

RAINFALL at Hutton Lancs C.C. Horshill S12

County of Central Lancashire

Observer Meteorological Office

River Basin Ribble + c 1

Dr H. R. G. Snape  
Lancashire County Council  
J. Gillett 1918.

Rain Gauge, by

Diameter ...					5							
Height .....					1.0							
Altitude ...				82								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals. 16-19.
January ...				3.60	2.31	4.91	1.64	2.23	2.82	4.48		11.37
February ...				1.27	2.35	3.91	3.13	1.24	3.54	1.20		9.11
March .....				3.90	3.28	1.35	1.81	2.08	1.18	4.88		9.95
April .....				4.08	.83	2.24	2.72	1.28	.92	1.86		6.78
May .....				2.87	2.09	1.34	2.85	2.46	2.64	1.40		8.74
June.....				2.10	1.20	2.58	2.30	2.37	1.64	1.65		7.96
July .....				2.42	5.19	4.17	3.12	1.23	3.40	1.29		9.04
August.....				3.18	2.23	4.51	4.54	5.49	3.77	3.73		17.23
September ..				2.02	3.90	.62	3.69	2.42	10.57	2.28		18.96
October ...				1.95	2.14	1.09	5.53	7.75	3.80	3.13		19.61
November..				4.27	4.46	1.88	2.67	3.78	2.66	2.45		11.06
December...				2.47	5.12	6.10	2.99	1.73	7.08	5.38		17.18
TOTALS ...				34.13	35.13	34.69	36.19	33.15	43.92	33.73		146.99

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53°44.	2°40'W		Hutton Horwich					

## RAINFALL at Hutton Lane's G.C. Horticultural Station

County of C. Lancashire

Observer J. Gellert Esq

River Basin Ribble & c.

## Director of Education

1921 Snowdon Rain Gauge, by H. J.

Diameter ...	57										
Height .....	10										
Altitude ...	82										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEDIAN 1930
January ...	3.52	5.44	3.53	2.91	2.89	2.37	3.85	3.63	8.44	1.65	5.29
February ...	2.26	1.17	4.04	4.01	1.66	4.40	3.69	1.69	3.76	.87	.20
March .....	3.73	2.90	1.60	1.24	1.50	1.38	1.30	3.34	2.10	1.10	2.57
April .....	4.04	1.76	2.34	2.68	1.36	1.75	1.55	1.74	1.36	1.05	1.62
May .....	5.75	1.85	2.12	3.02	5.55	4.01	3.06	1.17	.87	2.42	1.39
June .....	2.22	1.59	2.34	1.73	2.78	1.15	1.48	3.50	6.01	1.31	1.32
July .....	5.06	2.04	5.41	3.83	4.65	2.89	3.41	3.36	2.80	3.34	4.94
August .....	1.69	5.36	5.02	5.71	5.24	2.68	2.94	6.05	4.69	5.21	6.11
September...	2.96	2.11	4.09	5.21	4.09	4.18	4.48	6.38	1.41	2.23	2.20
October....	1.05	2.78	5.0	4.95	4.24	4.40	3.45	3.04	4.51	5.85	5.82
November...	1.47	2.54	2.62	4.85	1.87	3.17	5.49	4.17	5.48	6.83	5.55
December...	2.31	4.68	4.92	4.45	4.31	2.37	1.13	1.06	2.85	6.22	3.35
TOTALS...	36.06	32.22	38.53	49.59	39.14	33.25	35.33	39.13	44.61	38.11	40.36
	D	D	P	P	D	D	P	D	D	D	P

open position

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

Reference No. ....

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
53° 44'	2° 40'	Hutton & Hauxwell	goods	S.W.	Penwortham	2 mi N.E.

## RAINFALL at Hutton (Lancs. C.C. Hortic. Stat.) M.W.R.

County of Central Lancashire Observer Principal  
The Director of Education

River Basin Ribble &amp; C. - 1

Type of Gauge.

Annual Average 35.2 in. based on 17 years obs. unweighted. Period of average 1881-1915. Ref. S.  
 Average falls Survey map but is not used in B.R. since values do not fit map.

Diameter	5.											Means
Height	1.0.											
Altitude	92.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	4.09	3.85	3.00	2.84	1.74	3.89	2.21	3.74	4.35	2.44		Total 32.13
February	3.65	1.08	3.15	1.16	4.27	1.80	4.64	1.42	2.88	2.63		24.68
March	1.85	2.41	2.48	1.82	1.01	2.35	1.40	1.81	1.70	2.80		17.13
April	2.86	2.51	1.66	2.18	2.65	1.22	2.62	1.37	2.56	1.87		20.00
May	1.90	4.09	1.86	3.20	1.67	1.96	1.95	3.17	1.98	1.24		21.02
June	6.97	1.27	1.87	2.61	3.33	4.83	1.95	2.14	3.86	.89		31.72
July	3.30	4.38	2.64	1.82	1.74	3.25	1.41	4.09	4.60	4.52		33.75
August	4.74	1.28	1.97	3.91	2.60	2.20	2.39	3.67	1.47	1.80		26.03
September	2.93	5.17	1.31	3.74	7.23	3.78	2.15	1.70	1.87	3.89		32.77
October	2.90	6.04	4.23	5.81	6.65	2.94	2.08	7.88	1.22	3.68		43.43
November	6.87	2.71	1.70	2.43	3.62	5.11	1.57	4.86	5.76	5.28		39.91
December	2.33	1.62	0.59	4.58	3.00	4.15	2.02	3.81	2.91	2.92		27.93
TOTALS	42.39	35.41	26.46	35.10	39.51	36.48	26.39	39.66	35.16	33.96		350.52
	D.		1246									

All entries in B.R. 1940

 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	Direction from gauge

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

Station No. 2952

RAINFALL at Hutton (Lancs. C.C. Hutton Stock) M.W.R.

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County of Central Lancashire Observer The Principal  
 River Basin Ribble & L-1 County Institute of Agriculture 50  
 Type of Gauge.

Annual Average 35.2 in. based on 17 years obs. unweighted. Period of average 1881-1915. Ref. S

File No. E 7008/148

Diameter	5"		576	542							
Height	1' 0"				1						
Altitude	88'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.13	3.80	4.74	4.29	2.53	4.14	2.62	7.45	1.84	2.05	Totals. 34.59
February	3.96	1.67	2.06	1.33	4.24	4.57	.74	2.18	2.03	4.25	27.03
March	2.42	2.65	1.88	.90	1.44	71	5.82	2.03	2.27	1.52	20.94
April	1.20	1.78	2.08	2.40	2.02	1.57	3.06	1.69	3.61	2.50	21.91
May	2.42	3.00	3.27	3.04	2.94	1.55	3.09	1.49	2.56	1.46	24.82
June	.60	.64	3.03	3.18	4.54	2.85	2.47	4.83	1.28	2.51	25.93
July	1.58	4.07	3.30	3.51	2.97	5.38	2.69	1.94	3.04	4.25	32.73
August	5.01	3.64	5.51	2.43	2.34	5.94	.13	5.18	2.98	8.80	41.96
September	1.22	2.82	5.08	5.71	2.75	6.93	3.95	3.13	1.24	6.44	39.27
October	4.19	4.92	4.44	4.35	5.54	.56	.69	2.68	4.43	2.89	34.67
November	2.20	1.01	2.90	6.69	26	5.03	4.20	2.61	4.50	5.49	34.51
December	1.80	3.84	1.72	3.51	2.41	4.31	3.10	3.05	5.46	2.99	32.19
TOTALS	28.01	33.84	39.01	41.34	33.98	43.54	32.56	38.26	35.24	44.77	370.55

30/11/49. Inspected by F.G. Lewis. Satisfactory except that parts broken require replacing.

1942. There is a self recording (hydrograph) gauge in operation at this station.

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

Station No. 2952

RAINFALL at Hutton (names &c, Hutton, Lancs, S.C., Hortic. Stat.) M.W.R.  
(C8) 51  
 County of Central Lancashire Observer The Principal  
 River Basin Ribble 76-1 County Inst. of Agriculture (Brisg) (Brisg)

Type of Gauge.....

Annual Average 35.2 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S.A.W.S.  
 36.81 " " 35 " = 1916-1950 1916-1952 File No. 7008/48 P

Diameter	5"		576	542								
Height	1' 6"			1								
Altitude	82'			51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	3.80	3.44	1.59	2.81	(2.75)	4.22	2.64		3.02	7.05		
February	2.49	1.03	1.00	2.84	(2.95)	.61	1.61		.22	2.26		
March	4.31	1.71	.93	2.61	1.43	1.14	2.64		2.07	3.05		
April	1.95	3.10	2.88	1.22	1.96	1.57	.44		2.06	2.93		
May	2.19	1.93	1.93	2.37	2.44	2.05	1.95		1.09	3.52		
June	1.65	3.00	2.13	(4.00)	3.32	1.72	1.73		2.91	2.51		
July	1.85	1.96	3.94	(4.50)	1.01	5.28	5.00		2.78	3.52		
August	5.66	4.65	4.28	5.62	.89	12.85	4.67		.81	3.38		
September	3.02	4.72	4.60	5.66	3.62	3.48	6.22		.45	4.11		
October	1.29	2.84	1.86	8.45	2.21	3.17	5.63		4.65	5.13		
November	7.45	2.46	4.61	5.95	1.57	1.51	1.62		6.04	4.96		
December	8.60	3.62	1.74	4.58	4.49	3.68	3.78		7.59	5.04		
TOTALS	44.16	34.46	31.49	50.61	28.64	41.28	37.93	NR	33.69	47.46		
	D	D										P

1953. Reverted to rain-gauge site. Drop 7' 15". New rain-gauge still in place. Please note certified under previous form. New names recorded.  
 1954. Location Hall 20' @ 28° N.W.  
 1957. Gauge moved May 32° N.W.

Windbreak 35' at 46° W

0140460004

Position of Station on Ordnance One-Inch map :			No. of Map .....	National Grid Reference 34513268				
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1954			Hutton New Longton	1 1/2 m	S	Bowthorpe	2 m	N

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - amended

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C-1913	✓	✓	✓	
	D14-16, 18, 19	D21 - 30			