

10 2937

RAINFALL at

Swerreshaw Moor

County of South Lancashire

Observer

F. J. Dixon Esq. C.E.

River Basin Mensay Upper 4.Bradford Rain Gauge, by 2.3C. H. Boddin Esq. C.E.

Diameter ...						5						
Height						10						
Altitude ...						1340						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Mean Totals	
January ...						6.13	4.74	1.98	3.00	3.62	12.34	
February ...						3.48	4.97	1.68	6.68	1.27	14.60	
March						1.85	1.81	1.76	1.86	4.99	10.42	
April						1.63	3.34	1.84	1.69	2.98	9.85	
May						2.03	4.51	3.38	3.55	1.07	12.51	
June						2.40	5.21	2.18	2.28	2.81	12.48	
July						6.49	3.15	2.91	5.66	2.90	14.65	
August						5.56	2.87	7.39	4.58	4.40	19.24	
September ..						.63	3.88	3.30	12.20	2.80	22.18	
October ...						2.20	6.51	6.98	4.13	3.30	20.92	
November ..						1.98	3.58	5.62	2.15	3.30	14.65	
December...						7.31	3.43	2.10	9.24	7.30	22.07	
TOTALS ...						41.72	48.03	40.12	57.02	40.74	185.91	426

1915 Open Moor

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53.30.6	1.59.		Polybridge L&N	7.820	W S W	St James Millers	1.16 1.15 1.15	W S W

RAINFALL at Swineshaw MoorCounty of S. LancashireObserver G. H. Piddim Esq. C.E.River Basin Upper Mersey &Waterworks Engineer Ashton under LyneSnarwood Rain Gauge, by H. J. G.Incorporated in B. Whiston C.E.

Diameter ...	5"											
Height	1	0										
Altitude ...	1340											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	4.75	7.98	3.50	4.74	4.25	3.80	4.50	6.50	10.95	2.25	5.80	Total 59.32
February ...	4.76	5.8	6.23	5.10	1.34	6.90	4.50	1.71	5.55	1.01	.92	38.90
March	2.85	3.76	2.15	2.25	1.65	1.89	1.91	5.00	2.04	1.10	2.53	27.12
April	6.32	2.10	3.50	3.60	2.18	2.65	2.96	4.00	1.40	2.28	4.80	35.79
May	7.70	2.62	2.30	4.25	6.05	5.06	5.08	1.65	1.54	3.79	2.57	42.64
June	5.10	5.55	4.20	1.62	4.20	.06	5.10	5.59	4.40	2.02	4.38	40.52
July	9.35	2.14	6.60	5.05	5.59	2.78	2.90	4.30	2.62	3.40	7.78	52.51
August	4.55	6.10	6.74	6.00	8.06	4.20	6.55	7.56	6.90	4.68	7.26	71.60
September...	2.90	1.41	5.55	4.50	4.49	5.23	4.10	7.70	0.94	2.16	5.20	44.21
October	1.27	3.20	1.15	5.20	7.15	6.35	4.24	4.50	5.10	6.22	6.02	50.40
November...	2.35	2.90	3.40	5.50	2.70	3.75	5.10	4.95	7.54	9.66	6.25	54.13
December...	4.05	6.56	3.50	6.00	5.45	4.13	2.50	1.30	3.25	4.38	2.80	46.92
TOTALS...	55.95	39.90	49.12	53.81	53.11	46.79	49.44	54.76	55.92	48.95	56.31	564.06

1926, 4. on open moor.

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	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 30' 6"	1° 59'	Stalybridge	3 mi	82° 0' W S W	St. James Philbrook	1.16 mi	162° 0' W by S.

RAINFALL at Swineshead MoorCounty of South LancashireObserver M. C. B. Whikson Esq. C.E.River Basin Mersay - Upper - 4Type of Gauge self-rec.Annual Average 4.9 in. based on 15 years obs. un-weighted. Period of average 1891-1915 Ref 5

705468/26

Diameter	5											
Height	1.0											
Altitude	1340											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	6.65	6.12	3.06	3.20	3.48	4.47	4.78	5.41	6.50	2.49		46.16
February	6.00	3.2	5.50	2.2	5.62	3.93	7.23	2.13	5.10	3.60		39.65
March	5.56	2.81	3.61	3.12	2.95	3.35	4.04	1.89	2.44	4.08		29.35
April	4.78	4.40	2.28	2.75	3.38	1.71	4.03	6.3	2.76	3.37		30.14
May	3.27	5.48	1.83	3.14	1.83	1.19	2.66	4.34	2.75	1.11		26.70
June	8.08	5.0	3.40	2.44	4.66	3.74	2.39	5.27	3.84	9.2		35.24
July	5.50	6.86	4.50	4.78	2.67	5.54	3.87	5.61	8.30	5.05		52.68
August	8.40	1.33	1.55	4.05	2.07	3.99	1.74	4.49	2.86	3.16		33.64
September	5.05	3.55	1.75	3.90	6.49	9.06	2.17	2.22	1.58	5.19		39.96
October	2.94	8.45	5.00	6.50	10.10	5.69	2.05	9.44	3.13	4.21		57.51
November	6.82	3.56	2.90	2.77	5.84	5.91	2.23	5.49	7.90	8.45		51.87
December	2.18	2.27	1.87	5.78	3.88	5.26	4.54	5.10	5.04	6.10		44.02
TOTALS	60.33	45.65	36.25	42.65	51.97	52.34	41.78	52.02	52.70	47.73		483.92
	W	W	W	W	W	W	W	W	W	W		970

site on Open Moor.

1934 Stn inspected Sept. Rec. new monthly g. to be set up on site 25 yds away & surrounded by turf wall. The old g. to be abandoned at end of 1934

Position of Station on reduced Ordnance Survey Map, }
1 mile 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
1931			Stalybridge	3m 620yds	WSW	St. James', Millbrook	1m 1340yds	W'S.

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

Station No. T.F. 2934RAINFALL at Swinscoe Lane, near

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County of South Lancashire Observer M. J. B. Whitson, Esq. C.E.River Basin Messing Upper-4

Type of Gauge.....

Annual Average 44.7 in. based on years obs. un-weighted. Period of average..... Ref.....File No. 705468/26

Diameter	5"			559	756							
Height	1'0"				1							
Altitude	1340'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.64	4.72	5.44	7.28	5.44	5.70	3.73	10.24	2.79	3.73		Totals 52.74
February	6.35	2.52	3.04	3.89	5.18	7.13	(1.70)	3.01	2.44	5.07		40.33
March	5.83	3.13	1.97	.33	1.61	1.67	(6.20)	1.38	2.02	2.30		27.04
April	3.24	2.03	2.80	3.34	2.76	2.21	3.18	1.68	4.48	3.97		29.72
May	2.41	3.70	2.41	4.81	3.64	1.55	3.71	1.79	2.91	1.57		28.80
June	2.32	1.26	4.82	3.63	5.98	3.56	2.76	5.56	1.21	3.26		34.36
July	2.09	5.98	2.86	4.61	2.06	7.61	3.37	2.58	2.33	4.35		37.84
August	6.75	5.16	7.63	3.79	3.48	4.75	.62	5.45	3.57	5.27		46.49
September	.86	3.24	5.01	6.66	3.28	6.32	2.65	3.12	1.41	7.82		40.37
October	6.42	7.89	3.37	4.12	6.32	.74	.98	3.41	3.65	2.71		39.61
November	3.38	1.13	4.01	7.58	.74	7.53	6.36	3.29	6.40	7.05		47.47
December	3.39	4.14	2.43	4.36	2.83	4.43	5.26	3.32	7.48	3.74		41.38
TOTALS	47.04	44.90	45.79	55.00	43.32	53.20	40.52	44.83	40.71	50.84		466.15
				W	W	W	W	W	W	W		466.15

1947. Feb to Mar. catch for snow

30004

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 2937

T.P. 28

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RAINFALL at Gwinshaw MoorCounty of LancashireObserver M. J. B. Whitson Esq. C.E.River Basin Murray - Upper 4Type of Gauge Cetapent (on inspection)Annual Average 48.57 in. based on 35 years obs. un-weighted. Period of average 1916-1950 Ref. 1916-1950
File No. 705068/26 E22501/55

Diameter ...	5"			559	756							
Height ...	1' 0"				1							
Altitude ...	1340'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
January ...	5.06	5.65	2.70	5.02	4.06	6.54	4.04	4.55	4.27	6.61	48.50	
February ...	3.18	1.86	3.01	3.46	2.12	1.84	3.34	6.78	.67	3.64	29.90	
March ...	5.51	3.07	3.05	3.00	2.49	1.65	4.51	3.32	2.21	1.12	29.93	
April ...	2.70	4.17	3.00	1.02	2.62	3.24	1.03	1.61	3.74	2.46	25.59	
May ...	1.94	2.38	2.57	4.34	4.07	1.60	1.37	3.78	1.14	2.16	25.35	
June ...	1.65	3.69	4.34	4.24	3.40	3.83	2.43	5.65	2.91	2.00	34.14	
July ...	4.32	3.81	8.93	7.96	1.49	7.19	6.57	5.83	4.06	7.97	58.13	
August ...	7.83	3.62	5.73	8.06	.80	13.56	6.49	4.98	.52	6.34	57.93	
September ...	3.20	4.83	3.41	6.03	2.68	4.04	8.67	5.13	.24	3.88	42.11	
October ...	1.12	4.88	2.41	9.05	3.02	3.72	6.24	4.49	3.89	5.11	43.93	
November ...	8.62	3.92	4.41	6.04	2.17	2.36	2.97	1.70	5.47	6.03	43.69	
December ...	7.14	4.29	2.12	8.13	6.62	5.79	5.85	3.89	6.19	4.48	54.50	
TOTALS ...	52.27	46.17	45.68	66.25	35.54	55.36	53.51	51.71	35.31	51.80	493.70	
	W	W	W	W	W	W	W	W	W	W		

Inspected 4.7.55 Mr. Dukes. Gauge slightly leaky when in use, but gauge well placed. Recommended gauge repair, 1956 Jan amended obs agrees.

Position of Station on Ordnance One-Inch map :

No. of Map LC2National Grid Reference 46/50 COS

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	<u>C 1715</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>