

RAINFALL AT Swinehow Moor Lee Hill

Lat. _____

Lon. _____

County of Cheshire

Snowdon Rain Gauge, by

Observer

F. J. Dixon Esq. C.E.

W. Metacy - 1. Weekly

Diameter ...										8	
Height										30	
Altitude ...										1168 ft	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										1.47	
February ...										1.86	
March										2.75	
April										3.29	
May										1.95	
June										3.14	
July										6.74	
August.....										3.18	
September ..										3.51	
October ...										7.20	
November ..										1.76	
December...										7.31	
TOTALS ...										44.16	

St James Church 2 miles W
 Millbrook Station 2 1/2 " W

2753 10

RAINFALL at Swineshaw Moor Lees Hill

County of Cheshire

Observer F. J. Dixon Esq. C.E.

River Basin Upper Mersey 1

G. H. Raddiwick Esq.

Swindon Rain Gauge, by H.F. 3

Diameter ...	8		9	5								
Height	3.0	1.0										
Altitude ...	168 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	4.16	1.28	2.26	3.30	3.25	6.06	3.76	1.68	2.70	4.82		16.19
February ...	3.81	4.70	1.89	1.40	1.90	3.62	5.05	1.19	5.70	1.05		12.96
March71	2.40	5.13	3.43	4.92	2.26	2.63	1.88	4.40	5.20		13.04
April	4.66	3.95	1.10	3.62	1.47	1.66	2.87	2.03	1.62	3.21		10.15
May	3.11	2.00	3.04	2.83	2.54	1.94	3.42	2.92	2.71	2.13		9.73
June	3.85	4.20	4.58	2.75	3.81	2.26	4.85	1.96	2.07	2.02		11.18
July	5.68	.46	4.80	1.44	3.86	5.34	2.76	2.52	4.91	2.32		12.51
August	5.70	4.10	7.65	2.26	3.70	4.59	2.88	6.05	4.11	3.58		16.62
September ..	.55	4.46	2.87	2.00	2.57	1.24	2.81	3.01	10.24	2.20		18.26
October ...	2.85	2.90	3.08	2.15	2.74	1.74	5.53	5.66	3.65	2.42		17.26
November ...	4.86	4.65	3.55	3.72	3.94	2.38	3.02	4.22	2.02	3.07		12.33
December ...	4.26	5.75	4.00	3.05	5.25	6.48	3.62	2.80	7.93	6.57		20.92
TOTALS ...	44.23	40.85	42.95	31.95	40.08	39.57	43.20	35.92	48.10	38.59		165.80
												4.86

1910 August gauge been tampered with
 1912 Feb in open moor

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.29.22	1.59.10 W	Stalybridge	3.270 yds	W by S	St James Millhead	1.150 yds	W by N 370 yds

RAINFALL at Swineshaw Moor Lee Hill

County of Cheshire

Observer G.H. Paddin Eng. E.E.

River Basin Upper Mersey 1

Water Engt. Ashton under Lyne

Snowdon Rain Gauge, by N & G

Open situation

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

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	53° 29' 22"	1° 59' 10"	Stalybridge	3 mi 270 ⁷⁶ ft	W by S	St James	6170 ⁷⁶ ft	W by N

RAINFALL at Swineshaw Moor (Lies Hill)

County of Cheshire

Observer M.T.B. Whitson, Esq., C.E.

River Basin.....Mersey - Upper I.

Type of Gauge

433

11

Annual Average 3.8 in. based on 25 years obs. un-weighted. Period of average 1908-1935 Ref. S
as no longer appropriate b-27-35 705468/26

Diameter	5.									
Height	1.0.									
Altitude	1168.				965	965	965	965		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
January	5.33	4.82	2.48	2.66	3.10	3.90	4.53	5.22	6.15	2.23
February	5.14	4.6	4.10	3.0	5.93	3.52	6.80	1.98	4.57	3.31
March	5.5	2.62	3.01	2.83	2.61	2.58	3.44	1.72	3.01	2.76
April	3.83	3.68	2.06	2.09	3.14	1.58	3.63	1.60	2.60	3.29
May	2.34	4.83	1.72	2.54	7.6	2.98	2.38	4.21	2.83	2.03
June	6.50	7.73	2.83	2.20	3.93	3.25	2.21	5.08	3.44	.91
July	4.54	6.39	2.98	4.52	2.39	4.67	3.48	5.40	7.92	5.17
August	6.30	1.61	1.49	3.08	1.94	3.40	1.68	4.27	2.45	2.71
September	4.45	4.57	1.46	3.06	6.36	7.30	2.06	2.14	1.52	4.33
October	2.20	6.99	4.85	6.08	7.96	5.21	2.01	9.04	2.80	3.73
November	5.10	3.01	1.95	2.71	5.28	5.51	1.99	5.04	7.38	7.76
December	1.72	1.84	1.75	5.20	3.59	4.18	3.82	4.69	4.80	5.33
TOTALS	48.00	40.65	29.68	37.27	46.99	46.01	38.03	49.39	49.47	44.55

Open Site
1934. Inspected Sept. Recommended that this g. be moved to new site selected at Higher Sunneshaw Res.

1967. Station should have been called "Higher Swaneshaw" since 1935. Changed in Nov 1967, & confirmed by Engineer.

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

Reference No.

1 mile to 1 inch Series								
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	
1934.			Stalybridge	3 miles 270 yds.	W'S.	St. James Millbrook	1 mile 1410 yds.	W'N.

Station No. TR 2753

RAINFALL at Higher Swineshaw, Derbyshire

41

County of Cheshire

Observer Mr. T.B. Wilkinson Esq., C.E.

River Basin Trent, Upper

Type of Gauge

Annual Average 10.3 in. based on 11 years obs. yst-weighted. Period of average 1891-1965

Ref. P.B. 57+

File No. 705468/26

Diameter	5"		559	760							
Height	1' 0"			1							
Altitude	965'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.415	4.06	5.21	6.81	4.94	5.45	3.22	9.94	2.72	3.73	Totals, 67.53
February	5.54	1.91	3.03	3.28	5.18	7.20	(1.70)	2.94	2.34	4.99	38.11
March	4.91	2.33	1.79	.99	1.63	1.35	(6.00)	1.35	1.97	2.36	24.74
April	2.91	1.95	2.53	3.44	2.58	1.97	3.08	1.60	4.70	4.03	28.85
May	2.60	3.44	2.40	4.92	3.53	1.48	3.51	1.39	2.96	1.52	27.75
June	2.32	1.20	4.16	3.65	5.88	3.83	2.59	5.69	1.21	3.32	33.85
July	2.80	5.39	2.92	4.52	2.13	7.84	3.44	2.59	2.30	4.04	37.97
August	6.09	5.08	7.16	3.67	3.40	4.90	5.56	5.55	3.70	8.45	45.56
September	2.83	3.10	5.06	5.74	3.33	6.34	2.69	2.97	1.37	7.57	39.00
October	6.13	7.35	3.21	4.07	6.43	.65	.96	3.31	3.72	2.53	38.36
November	3.16	1.06	4.06	6.81	.66	7.59	6.20	2.84	6.87	6.88	46.13
December	3.20	3.94	2.32	3.70	2.80	4.43	4.96	3.32	4.17	3.70	39.54
TOTALS	44.00	40.87	43.85	51.60	42.49	53.03	38.91	43.49	41.03	30.12	469.39 406

1947. Feb & March omitted for snow.

30004

* 1947: Station should have been called "Higher Swineshaw" from 1936.

4720

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

Station No. 2753

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RAINFALL at Higher Gwineshaw

County of Cheshire

Observer M. J. B. Whitson Esq. C.E.

River Basin Mersey Hydro-1

Type of Gauge Mk. A Inspection

Annual Average 433 in. based on 11 years obs. un-weighted. Period of average 1881-1915

" 46.35 " - 22. within 1935-57. - - - - 1916-50

Ref. P.O. 574 File No. 7054/1936/2682801/58

Diameter ...	5"										Means
Height ...	1' 0"										Total
Altitude ...	965'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	4.97	4.71	2.60	4.91	3.36	5.92	3.64	4.20	4.03	6.40	4.64-74
February	3.29	1.45	3.25	3.01	1.92	1.73	3.18	6.52	.61	3.54	28.50
March	5.45	2.91	2.76	2.92	2.36	1.54	4.37	3.20	2.17	1.05	28.73
April	2.72	4.08	2.83	.98	2.41	3.12	.96	1.43	3.57	2.40	24.50
May	1.94	2.51	2.67	4.39	3.95	1.58	1.36	3.66	1.01	2.10	25.17
June	1.67	3.50	4.11	4.14	3.18	3.77	2.43	5.41	2.80	1.99	33.00
July	4.07	4.06	8.12	8.13	1.45	7.34	5.83	5.67	4.04	7.83	56.54
August	6.07	3.48	5.6	7.76	.74	12.38	6.29	4.80	.50	6.20	53.83
September	2.97	4.72	2.92	5.52	2.73	3.72	8.57	4.98	.23	3.70	40.06
October	1.14	4.92	2.21	8.33	2.73	3.49	5.56	4.06	3.80	4.89	41.13
November	8.11	3.61	4.28	5.98	2.06	2.16	2.89	1.69	5.10	5.91	41.79
December	6.79	4.25	1.99	6.66	5.54	4.87	5.69	3.76	6.04	4.42	50.01
TOTALS	49.19	44.20	43.35	62.73	32.43	61.62	50.77	49.38	33.90	50.43	468.00
W	W	W	W	W	W	W	W	W	W	W	

Inspected 7.9.55 rev. Dales. Gauge stand now missing. Tapered in cone. Site c/s to, but best available position.

Position of Station on Ordnance One-Inch map :	No. of Map 102	National Grid Reference SWC 377 006 936					
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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