

RAINFALL AT *Glossop Corporation Water Works*

Lat. _____

Lon. _____

County of Derby

Rain Gauge, by _____

Observer Mr. John Garner

Upper Measay - 1.

Diameter	12											
Height	4	0										
Altitude	733											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January				2.04	3.48	3.61	1.25	2.47	2.60			
February				5.02	5.05	.71	2.62	2.61	2.21			
March93	3.08	3.35	5.01	3.48	2.28			
April58	1.90	1.77	1.70	3.08	2.19			
May				2.71	2.97	1.00	.65	2.24	2.90			
June				2.19	3.82	2.84	4.27	3.48	2.26			
July				2.18	3.45	7.07	2.54	2.29	1.23			
August				2.50	4.73	3.15	2.81	2.51	3.59			
September				4.33	.79	1.30	5.37	4.22	.31			
October				2.75	5.61	2.84	5.51	2.54	4.19			
November				3.48	2.53	2.74	2.00	4.99	2.25			
December				4.15	3.05	3.82	4.10	3.07	4.17			
TOTALS . . .	42.36	32.86	40.46	34.20	37.83	36.98	30.17					

All Saints Church $\frac{3}{4}$ mile S.

Cabin 12 ft. high 36 ft. N.

1898 Not printed 5 or 6 inches short

N/B Rejected from Survey as 14" low.

RAINFALL AT Glossop Corporation W.W., Swineshaw

Lat.

Lon.

County of Derby

Rain Gauge, by J. Murray of Chapel Observer Mr J. Garner

Upper Macclesfield - 1.

Diameter ..	12										
Height ..	4.6			2.6	4.6	2.6	4.0				
Altitude ..	733 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MREANS.
January ..	5.62	1.96	3.01	2.95	3.15	2.56	4.65	1.97	3.22	2.25	3128
February ..	3.69	2.24	1.46	2.97	5.00	2.16	3.25	2.50	3.82	3.23	3032
March ..	.96	2.78	2.05	4.81	3.11	4.68	3.64	3.37	3.38	4.06	3284
April ..	2.71	2.59	2.31	1.79	2.39	3.33	1.99	2.84	3.10	2.90	2595
May ..	2.21	1.09	2.85	2.97	2.67	.70	5.49	3.92	2.89	2.39	2718
June ..	3.36	1.60	1.35	2.02	1.12	3.27	1.65	6.20	2.12	3.23	2595
July ..	2.76	2.10	2.37	3.49	1.51	2.40	2.42	2.83	5.89	6.07	3184
August ..	6.03	2.41	2.98	4.30	4.40	4.07	3.68	4.62	2.94	3.27	3870
September ..	1.15	.81	1.13	4.51	1.34	3.02	1.49	.77	3.53	2.90	2035
October ..	4.20	3.49	4.92	8.61	1.34	3.96	5.94	6.42	1.22	5.89	4549
November ..	2.91	5.63	1.81	3.88	3.38	4.46	5.45	3.87	2.70	1.83	3592
December ..	4.35	7.45	3.32	5.04	2.52	.98	4.13	3.20	2.84	6.59	3742
TOTALS ..	39.95	33.85	29.56	44.34	31.93	35.53	43.78	42.54	37.65	44.11	38324 524

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1900 all Saints Church 3/4 mile S

Cabin 12 feet high 37 ft N

Glossop Station 1/2 miles S W

Hull

N.B. Rejected from Survey as 14" low.

RAINFALL at Glossop W.W. SwinesheadCounty of DerbyshireObserver M J GarnerRiver Basin Upper Mersey /Ground Rain Gauge, by J Mervin Sommerville

Diameter ...	12												
Height	4.0			3.0									
Altitude ...	723 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	2.81	1.75	4.68	3.78	3.72	6.51	3.30	3.99	3.24	4.95			Totals: 160.9
February ...	4.15	4.16	1.65	1.37	2.53	4.79	7.02	.90	5.74	2.26			15.48
March76	2.55	4.80	5.05	5.16	2.38	4.95	3.42	1.51	7.23			17.14
April	4.75	2.80	1.30	3.45	1.68	1.34	2.93	3.37	1.90	3.17			11.37
May	2.87	1.93	2.95	3.05	2.94	1.34	2.83	3.19	3.33	1.87			11.22
June	4.09	3.06	4.39	2.27	3.81	2.40	3.73	1.66	2.17	2.21			9.77
July	5.61	.48	4.87	1.30	4.21	5.51	2.73	2.80	4.65	3.61			13.77
August	4.67	3.65	6.77	2.20	3.45	4.58	2.69	5.30	3.87	3.18			15.04
September ..	.30	3.22	2.08	1.98	2.83	1.05	2.96	2.57	9.59	2.03			17.15
October ...	2.95	2.71	3.71	3.36	3.15	2.23	5.18	6.88	3.89	3.55			18.50
November ..	5.04	4.61	3.39	3.59	4.81	3.84	5.04	5.09	1.99	3.90			16.02
December ...	6.33	6.20	5.71	3.05	6.04	8.25	3.83	3.41	7.90	8.03			23.17
TOTALS ...	44.33	37.12	49.20	34.45	43.83	44.22	47.22	42.08	49.28	45.99			184.57
1912 Cabin 15 ft high 30				NE									
1913 from ground 3 ft				NE									

N.B. Rejected from survey as 1 ft "low."

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Glossop	1 1/2	NE	all saints	3/4 m	NE

RAINFALL at Glossop W.W. Swineshaw

County of Derbyshire

Observer, Mr. J. Garner

River Basin Upper Mersey 1

W. A. Mitchell (Surveyor) 1923

(1972) Round Rain Gauge, by J. Merry. Ironmonger
Glasgow

1920 Cabin 15 ft high 30 ft NE.

N.B. Record prior to 1927 rejected from Survey as "Low
Gauge at 3 feet.
Voltage reworked 1928-82 = 43.2 ✓

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			Glossop	1 1/2 mi	N.E.	All Saints	3 1/4 mi	N.E.
			Glossop Central	1 m	S.S.W.	Glossop	1/2 m	S.S.W.

RAINFALL at Glossop ~~W.W.~~ (Swineshaw)

County of Derbyshire.

Observer Geo. Faulds, Esq., C.E.

River Basin Mersey, Upper I

Type of Gauge - Glasser.

43.2 5
Answer ~~287~~ is based on ~~2~~ years old.

Annual Average 3.07 in. based on 36 years obs. un-weighted. Period of average 1881-1917 Ref. 5

813.733/27

• 168 •

1940 Jan. est. for snow

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
1931.			Glossop Central	1m	S.S.W	Glossop	1/2 m S.S.W

Station No. 2644

RAINFALL at Glossop, 11.11 (Gurneyside)

41

County of Derbyshire Observer Geo. Tonks Engd.River Basin Mersey Upper - 1Type of Gauge Gladstones Snowdon (1949)Annual Average 43.3 in. based on 5 years obs. un-weighted. Period of average 1928-32 Ref.File No. 813783/27

Diameter	12"			559	094		5"					
Height	10"					1	3' 0"					
Altitude	733					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.40	3.33	5.59	6.61	5.63	4.93	2.80	10.65	2.79	3.24		Totals
February	4.82	1.54	3.09	2.67	4.65	7.05	(2.00)	3.16	2.29	6.47		48.97
March	5.12	2.46	1.40	1.54	1.33	1.74	(6.03)	1.46	2.18	2.12		37.74
April	2.94	1.98	2.21	2.77	2.41	1.83	2.54	1.89	5.36	4.42		25.33
May	2.39	3.25	2.71	(9.48)	3.13	1.80	3.49	1.76	3.24	1.73		28.41
June	2.59	1.22	3.44	3.46	4.30	4.09	2.35	6.13	1.26	3.29		32.98
July	2.93	4.82	1.43	3.05	1.73	6.21	2.87	2.34	2.75	3.85		31.98
August	6.55	3.20	5.62	4.38	2.33	4.40	1.41	5.34	3.37	4.64		40.24
September	7.71	2.85	4.62	5.18	2.64	5.64	2.24	2.27	1.39	5.96		33.50
October	5.32	7.05	2.98	5.16	7.05	.86	1.16	2.88	4.49	2.97		39.92
November	3.39	7.79	3.68	7.95	.61	5.58	6.18	2.64	7.54	7.04		45.40
December	2.81	3.24	2.29	3.48	3.05	4.72	6.01	3.24	6.92	2.59		38.35
TOTALS	42.95	35.73	39.12	55.73	38.86	48.85	38.08	43.76	43.58	48.32		434.98

1944 May - The rainfall of May 29 has been taken as (4.50) in. falling in 23 hrs although it may have been even heavier.
1947. Feb 1st. Readjust est. 3mm.

D2004

30004

82nd 944

1949. Corrected by F. 1090, 19/4/56. RRB

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Glossop Central	1 m.	S S W	Glossop	1/2 m.	S S W

Station No. 2644

RAINFALL at GROSSOP W.W. (SWINESHAW)

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County of DERBY

Observer G. FAULDS Esq., C.E. (1954)

River Basin MERSEY, UPPER - 1

Type of Gauge Snowdon

MANCHESTER CORP. W.W.

Annual Average 43.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 1916-1950 File No. 813733/27 P

1957 T₂₂₆₃ 20/25' at 50' E and S

1959 Terton over by Manchester Corp. W.W. #4559.

Position of Station on Ordnance One-Inch map:

No. of Map.

National Grid Reference 43/048/958

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Glossop Central	1 m.	S.S.W.	Glossop	½ m.	S.S.W.

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
		✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓