

RAINFALL AT

Glossop Corporation Water Works

Lat. _____

Lon. _____

County of _____

Derby

Rain Gauge, by _____

Observer

Mr. John Garner

Upper heavy - 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		
March .....				.93	3.08	3.35	5.01	3.48	2.28		
April .....				.58	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	2.25		
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 Runway as 14" low.

2644

RAINFALL AT

RAINFALL AT Glossop Corporation W. W. Surinshaw

Lat.

Lon.

County of _____

Derby

Rain Gauge, by

I. M. Macdonald

Observer

Mr. J. Garner

upper mercy - 1.

Diameter ..	12										
Height	4.6				2 6	4.6	2 6	4.0			
Altitude ..	733 F										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	Means.
January ..	5.62	1.96	3.01	2.95	3.15	2.50	4.65	1.97	3.22	2.25	3.128
February ..	3.69	2.24	1.46	2.97	5.00	2.16	3.25	2.50	3.82	3.23	3.032
March ....	.96	2.78	2.05	4.81	3.11	4.68	3.64	3.37	3.38	4.06	3.284
April	2.71	2.59	2.31	1.79	2.39	3.33	1.99	2.84	3.10	2.90	2.595
May	2.21	1.09	2.85	2.97	2.67	.70	5.49	3.92	2.89	2.39	2.718
June	3.36	1.60	1.35	2.02	1.12	3.27	1.65	6.23	2.12	3.23	2.595
July	2.76	2.10	2.37	3.49	1.51	2.40	2.42	2.83	5.89	6.07	3.184
August	6.03	2.41	2.98	4.30	4.40	4.07	3.68	4.62	2.94	3.27	3.870
September..	1.15	.51	1.13	4.51	1.34	3.02	1.49	.77	3.53	2.90	2.035
October	4.20	3.49	4.92	8.61	1.34	3.96	5.94	6.42	1.22	5.39	4.549
November ..	2.91	5.63	1.81	3.88	3.38	4.46	5.45	3.87	2.70	1.83	3.592
December ..	4.35	7.45	3.32	5.04	2.52	.98	4.13	3.20	2.84	6.59	3.742
TOTALS ..	39.95	33.85	29.56	44.34	31.93	35.53	43.78	42.54	37.65	44.11	38.324

1900 all saints church $3\frac{1}{4}$ mile S
Cabri 12 ft high 37 ft N
Glossop Station $1\frac{1}{2}$ miles S.W.

Cabri 12 fühl 37 fl N

Glossop Station $1\frac{1}{2}$ miles S.W.

Hwz

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

RAINFALL at Glossop W.W. SwinshawCounty of DerbyshireObserver Mr J GarnerRiver Basin Upper Mersey 1Road Rain Gauge, by J. Mery, Glossop

Diameter ...	12											
Height	4.0		3.0									
Altitude ...	720 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	2.81	1.75	4.68	3.78	3.72	6.51	3.30	3.99	3.24	4.95		16.19
February ...	4.15	4.16	1.55	1.37	2.53	4.79	7.02	.90	5.74	2.26		15.92
March .....	.76	2.55	4.90	5.05	5.16	2.34	4.94	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	3.31	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		13.79
August	4.67	3.65	5.77	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	6.38	3.29	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	48.20	34.45	43.83	44.22	47.22	42.08	49.28	45.99		124.57
	2	2	2	2	2	2	2	2	2	2		2

1912 Cabin 15 ft high 30 NE
 1913 Jm J. Mery 30 ft NE

N.B. Reported from survey as 14" 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. R. Swinshaw

County of DerbyshireObserver Mr. J. GarnerRiver Basin Upper Mersey 1W. A. Mitchell (Surveyor) 1923(1923) Pound Rain Gauge, by J. Henry Thompson
Glossop

Diameter ...	12												
Height	3.0							1.0		1.0			
Altitude ...	733												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		
January ...	5.24	7.05	3.86	4.90	3.12	3.04	4.47	4.53	9.59	2.35	6.08	54.23	TOTALS.
February ...	4.48	6.0	5.75	7.24	1.62	6.45	3.11	1.73	4.85	.94	.99	37.76	
March	2.97	2.93	2.72	2.02	1.47	2.11	2.07	5.14	2.27	1.09	3.39	28.18	
April	5.33	1.98	3.11	3.25	1.71	2.34	1.79	4.64	1.42	1.52	3.37	30.46	
May	5.72	2.38	1.39	4.16	4.70	3.83	4.59	1.44	1.10	2.94	2.04	34.29	
June	3.25	2.0	2.92	1.40	2.62	1.1	2.88	5.78	6.31	1.35	7.09	34.91	
July	7.09	1.46	4.58	4.46	4.10	3.06	3.25	2.42	1.95	3.01	6.92	42.30	
August	2.18	5.23	5.58	4.68	6.02	3.34	5.21	4.49	5.30	4.62	5.25	51.90	
September...	2.82	1.31	4.50	4.64	3.53	4.43	3.46	7.16	.85	1.78	3.89	38.37	
October	1.39	3.06	1.15	4.03	5.89	4.81	4.41	3.63	4.51	5.56	7.12	45.26	
November...	1.50	2.14	3.47	6.29	2.13	4.68	4.64	3.78	6.97	8.94	5.41	49.95	
December...	3.33	6.06	3.31	4.39	3.95	4.09	3.10	1.39	3.20	4.49	3.79	44.40	
TOTALS...	45.30	34.40	42.34	51.46	40.86	41.99	43.98	46.13	48.32	41.89	55.34	492.01	
	D	D	D	D	D	D	D	D	D	D	D	D	

1920 Cabin 15 ft high 30 ft N.E.

N.B. Record prior to 1927 respected from survey as 4" low.
Gauge at 3 ft.
Gauge 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 mi	S.S.W.	Glossop	1/2 mi	S.S.W.

RAINFALL at Glossop W.W. (Swineshaw)County of DerbyshireObserver Geo. Faulds Esq. C.E.River Basin Mersey Upper 1Type of Gauge Glass43.2
5Annual Average 39.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref 5

513733/27

Diameter	12											
Height	10											
Altitude	733											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	7.66	4.50	2.70	3.07	3.06	3.48	4.87	4.22	5.59	(2.55)		41.70
February	6.45	5.5	5.84	2.9	5.49	3.05	5.14	1.77	4.41	2.64		35.63
March	3.0	2.47	3.53	3.48	2.03	3.18	3.15	1.76	2.98	2.73		25.61
April	5.24	4.63	1.83	2.59	2.82	1.64	3.18	5.4	2.57	3.19		28.53
May	2.30	4.35	1.73	2.73	.75	.90	2.72	4.70	2.58	0.87		23.63
June	6.17	4.44	3.53	2.60	3.58	3.09	2.18	4.43	2.70	0.99		29.71
July	4.20	5.84	2.63	5.39	1.79	5.28	3.28	5.10	7.40	5.20		46.21
August	7.07	1.52	1.20	2.98	1.83	2.68	1.20	3.91	2.11	2.00		26.50
September	5.15	4.69	1.70	2.71	5.29	6.43	1.09	2.34	1.44	3.53		34.37
October	2.03	7.17	5.20	5.81	7.29	4.79	2.25	7.35	3.02	3.43		48.34
November	5.80	3.21	3.54	2.78	5.39	5.54	1.92	4.68	6.95	7.47		47.28
December	1.98	2.13	.31	5.00	4.18	4.00	3.33	4.67	3.74	4.80		34.14
TOTALS	54.35	41.50	33.74	39.43	43.50	44.06	34.61	45.47	45.49	39.50		421.65
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		466

1940 Jan. est. for snow.

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
1931.			Glossop Central	1 m	SSW	Glossop	1/2 m	SSW

Station No. 2644

RAINFALL at Glossop W.D. (Swineham)

41

County of Derbyshire Observer James Thomas Esq.

River Basin Inca Valley

Type of Gauge. Slingers (1909)

Annual Average 43.2 in. based on 5 years obs. un-weighted. Period of average. 1928-32 Ref.

File No. 812723/27

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 48.97
February	4.82	1.54	3.09	2.67	4.65	7.05	(2.00)	3.16	2.29	6.47		37.74
March	5.12	2.46	1.40	1.54	1.33	1.74	(6.03)	1.46	2.18	2.12		25.38
April	2.94	1.98	2.27	2.77	2.41	1.83	2.54	1.89	5.36	4.42		28.41
May	2.39	3.25	2.71	(3.48)	3.13	1.80	3.49	1.76	3.24	1.73		32.98
June	2.57	1.22	3.44	3.46	4.30	4.09	2.35	6.13	1.26	3.29		32.11
July	2.93	4.82	1.43	3.05	1.73	6.21	2.87	2.34	2.75	3.85		31.78
August	6.55	3.20	5.62	4.38	2.33	4.40	4.1	5.34	3.37	4.64		40.24
September	7.1	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	1.86	1.16	2.88	4.49	2.97		39.92
November	3.39	.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 43.58	2.59		38.35
TOTALS	42.95 D	35.73 D	39.12 D	55.73 D	38.86 D	48.85 D	38.08 D	43.76 D	43.58 D	48.32 D		436.98 D

1944 May - The rainfalls of May 29 has been taken as (4.50) in. fully in 23 hrs although it may have been even heavier.
 1947. Feb. 1. Replaced est. snow. 02004 30004 8.2.749

1949. Revised by F. 1090, 19/4/56. 786

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.
1941			Glossop Central	1 m.	S.S.W.	Glossop	1/2 m.	S.S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 2644

RAINFALL at GROSSOP W.W. (SWINKSHAW)

51

County of DERBY

Observer

GEO. FAULDS, Esq. C.F. (1954)

River Basin MERSEY, UPPER - 1

(50 ALLEN BRICKS, 4041, MUMF)

Type of Gauge SNOWDON

MANCHESTER CORP. W.W.

Annual Average 43.2 in. based on 5 years obs. un-weighted.
43.81 " " 35 " " 1916-1950

Period of average 1881-1915 Ref. ?

File No. 1916-1950 813733/27 P
6-20/34/50

Diameter ...	5			559	094						
Height ...	3' 0"				1	1' 0"					
Altitude ...	733'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means TOTAL
January ...	5.85	4.81	2.14	4.74	2.81	5.26	2.73	4.37	3.73	6.51	42.95
February ...	4.42	1.73	3.28	3.55	2.58	1.47	3.00	6.00	.48	2.91	29.42
March ...	5.76	2.77	3.07	2.92	2.85	1.45	3.15	2.27	2.23	1.24	27.71
April ...	3.18	4.10	3.12	.97	2.13	2.87	.52	1.25	3.67	2.40	24.21
May ...	2.35	2.17	2.57	3.72	4.47	1.29	1.27	3.59	1.10	2.01	24.56
June ...	1.53	3.37	3.35	3.16	2.67	3.86	1.57	4.72	2.61	1.77	28.61
July ...	4.02	3.84	6.71	6.91	1.16	6.08	4.35	5.15	3.92	6.51	48.65
August ...	5.29	2.87	4.77	5.64	1.50	11.13	6.89	4.14	.39	5.02	47.64
September ...	2.56	4.83	2.71	5.12	2.54	3.66	8.46	5.05	.21	3.99	39.03
October ...	1.21	5.49	2.30	7.27	3.11	3.26	4.58	4.78	3.53	5.45	40.98
November ...	8.86	3.52	3.77	6.80	1.90	1.91	2.92	1.53	5.77	5.47	42.45
December ...	6.14	3.69	2.02	6.60	4.90	5.41	5.07	3.81	6.66	4.43	48.73
TOTALS ...	51.17 D	43.19 D	39.83 D	57.40 D	32.62 D	47.55 D	44.51 D	46.66 D	34.30 D	47.71 D	444.94

1957 Taken 20/25' at 50' East S

1954 Taken near by Manchester Corp. W.W. 7/6/54.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

SK

43/045/958

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Glossop Central	1 m. S.S.W.	Glossop	2 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
	✓	✓	✓	✓	