

RAINFALL AT Alport Moor N^o 38

Lat. Lon. County of Derbyshire

Rain Gauge, by M Observer E. Sandeman Esq. etc.

Stewart - 6.

Diameter ..							5				
Height							10				
Altitude ..							1790				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							5.00	1.50	3.70	2.10	
February ..							2.30	1.80	3.70	3.40	
March							3.10	3.60	3.10	3.70	
April							1.50	3.50	2.40	3.10	
May							4.40	4.30	3.50	2.40	
June							1.90	8.10	2.40	5.10	
July							3.30	3.60	6.30	7.10	
August							5.10	5.60	4.00	3.80	
September ..							2.10	1.10	4.00	3.40	
October							7.30	8.60	1.80	6.50	
November ..							6.80	4.30	4.00	2.00	
December ..							3.50	3.60	2.80	6.50	
TOTALS ..		40.80	42.40	56.90	36.00	42.70	46.30	49.60	41.70	49.10	

'01- '05. Entered from P.Y. 1. xii. 1913

no Reported from survey as 8" low

RAINFALL at

Alport Moor

No 38

County of Derbyshire

Observer

E. Sandeman Esq. C.E.River Basin Trent-Donwent 6S.B. Winsor Esq. C.E.

Rain Gauge, by

Diameter ...	5										
Height	1 0										
Altitude ...	1790										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.70	1.50	4.20	4.30	4.60	6.00	4.40	2.00	2.60	3.30	
February ...	3.90	4.60	1.90	1.40	2.50	4.00	5.10	1.10	5.90	2.40	
March	1.00	2.90	5.30	5.00	5.90	1.90	1.70	2.10	2.20	4.60	
April	5.30	3.70	1.50	3.90	2.50	1.90	3.50	1.40	2.00	3.00	
May	3.80	2.80	3.80	3.40	3.40	1.90	2.90	2.60	2.80	2.00	
June	3.80	4.80	5.40	3.00	4.50	1.50	5.00	2.40	4.30	3.00	
July	6.90	.80	8.20	1.70	5.60	7.20	3.50	2.60	5.60	4.50	
August	7.70	3.00	10.70	2.60	4.30	5.20	3.40	7.80	4.30	4.80	
September ..	.70	3.60	4.50	3.00	3.40	1.20	3.50	2.60	11.60	2.50	
October ...	3.40	4.20	4.30	4.80	4.20	3.00	6.70	6.60	3.70	4.00	
November ..	3.60	4.50	3.30	4.80	5.60	2.20	4.20	6.80	2.40	3.20	
December ...	6.60	6.90	6.10	2.70	6.60	7.80	4.20	1.80	7.80	6.70	
TOTALS ...	49.10	43.30	59.20	40.60	53.10	43.90	48.10	39.80	55.20	45.10	

N.B. Rejected from Survey as 8" low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Alport Moor No 38 A.County of DerbyshireObserver S. B. Wanser Esq. C.E.River Basin Derwent - 6Derwent Valley, W.D.(1925) Snowdon Rain Gauge, by _____Check Gauge

Diameter ...				5							
Height				10							
Altitude ...				1790							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN
January ...				7.40	4.70	4.80	4.20	5.40	11.30	2.30	6.10
February ...				6.40	1.66	6.72	5.00	2.90	6.50	.80	1.20
March				2.60	1.04	3.68	2.20	6.00	2.30	1.50	2.80
April				4.10	2.80	2.90	3.20	6.80	2.10	2.40	3.90
May				5.80	5.90	4.70	5.50	1.80	1.60	3.60	3.10
June				3.00	4.00	.05	5.40	8.00	6.70	1.90	3.60
July				6.50	5.30	4.20	5.40	3.50	2.50	4.00	9.70
August				6.30	8.00	5.90	6.40	6.50	5.70	5.50	7.90
September...				6.60	5.30	5.90	5.00	9.90	1.10	2.40	7.30
October				5.60	7.40	5.88	5.00	5.20	7.30	7.00	8.30
November...				7.80	3.30	2.92	6.20	6.00	7.80	10.00	6.40
December... <u>See p 30</u> <u>inconclusive</u>				6.50	5.80	5.59	4.60	1.50	2.80	7.70	4.20
TOTALS...				68.60	55.20	53.24	58.10	63.50	58.20	49.60	64.50

1923. Circular turf embankment, 6ft radius, 2ft high, placed round this gauge.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Alport Moor N° 38County of DerbyshireObserver L.B. Winstanley Esq C.E.River Basin Great-Derwent 6Derwent Valley 120Culshawdon Rain Gauge, by 82825.01
5.02
4.99
5.01

on slight mound 3 or 4 in. high. Monthly.

Diameter ...	5"										
Height	1 0	1 3								1 0	
Altitude ...	1790										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	4.50	8.80	4.10	6.90	3.00	4.50	4.40	4.50	10.90	2.40	5.60
February ...	3.70	.80	6.20	6.60	1.60	5.91	4.20	2.70	5.60	.90	1.00
March	2.70	3.70	2.70	2.60	1.00	2.19	2.00	5.20	2.40	1.40	2.50
April	7.20	1.90	3.70	3.50	2.40	3.00	2.80	6.20	1.80	2.00	3.60
May	6.50	2.40	1.40	5.10	6.60	4.60	5.10	2.00	1.40	3.50	2.90
June	4.60	.60	3.50	2.00	3.60	.04	5.10	7.90	6.10	1.80	3.60
July	8.10	2.00	6.90	5.80	6.00	3.90	4.20	3.30	2.30	3.90	9.00
August	2.50	6.50	7.60	5.70	7.10	5.70	6.10	6.30	6.20	5.10	7.70
September...	3.40	2.10	5.10	5.50	5.10	5.40	4.60	9.10	1.00	2.20	7.10
October	2.40	3.20	1.70	5.50	7.10	6.03	4.50	5.10	6.90	6.50	7.80
November...	1.40	2.80	3.60	4.00	3.10	2.92	5.20	5.80	7.50	9.50	5.80
December...	4.20	7.80	3.80	5.00	5.30	5.09	3.60	1.30	2.70	7.30	3.80
TOTALS...	51.20	42.60	50.30	58.20	51.90	49.33	51.80	59.10	54.80	46.50	60.40 # 32.9 1606/9/26

Inspected 19.7.22 on summit of flat open moor with stream some 10 yds away + probably 1 ft deep. Slight slopes down to E, S + N. Invert ^{over} raised gauge of this group probably. S. requires lowering + stiff wall.

Check g. with any water receded 19.7.22. In our letter of Jan 1931 we recommend abandonment as we do not propose to put in B.P. 1931, as probably about 7" low. Terminated as advised Enc 329 of 6/6/31/26.

N.B. Rejected from Survey as 8" too low.

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

RAINFALL at Alport Moor No 383 (1934)County of DerbyshireObserver S. B. Win. & E. J. C. E.River Basin DerwentDerwent Valley Water Board (1933)Type of Gauge StandardAnnual Average 54.4 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref S660619/26 370241/34

Diameter	5										
Height	1	0									
Altitude	1790			1770			1790				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	8.80	6.10	3.10	4.70	5.46	5.26	7.18	8.15	8.83	(4.00)	61.58
February	5.10	4.0	6.20	6.0	9.13	3.98	9.90	3.51	6.36	(5.00)	50.18
March	8.0	3.60	2.00	7.46	3.25	6.52	5.82	4.15	4.87	4.85	43.32
April	5.70	6.10	2.00	3.80	4.43	2.62	5.11	1.27	3.89	4.19	39.11
May	3.50	5.60	2.60	4.02	.87	2.12	3.21	4.97	3.37	1.24	31.50
June	7.40	8.0	3.70	3.29	4.98	4.26	2.60	6.27	4.36	1.42	39.38
July	7.10	5.30	3.10	5.50	3.46	8.02	5.58	7.96	10.07	7.29	63.38
August	8.20	2.50	1.80	6.00	2.82	3.78	1.64	5.33	3.31	4.49	39.87
September	6.90	5.60	1.80	4.08	7.74	9.17	2.45	3.83	3.08	5.86	50.51
October	2.80	10.20	6.70	9.51	13.32	7.48	3.69	10.53	4.94	6.18	75.35
November	6.50	4.60	4.10	4.30	8.97	9.05	3.11	7.78	10.37	10.63	69.41
December	3.00	2.30	.90	9.17	6.29	8.06	11.35	8.05	6.17	7.77	56.08
TOTALS	66.10	53.10	38.00	62.43	70.72	70.32	54.64	71.80	69.62	(62.94)	619.67
						M	M	M	M	M	

N.B. Inspected X/30. The check gauge should be moved forthwith to site some 70 yds further N. and set up in a "half wall"

1934. G. moved according to instructions & renumbered 383.

1940 Jan & Feb. est.

X/30 X/11.33

1940 April for Aug. in S. line

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.

RAINFALL at Alport Moor (No. 38)County of DerbyshireObserver Devaunt Valley Water BoardRiver Basin East Devaunt 6

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref. 660675/26 37024/34

Diameter	5										
Height	10										
Altitude	1790										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.20	5.80	2.80	3.70	3.23						
February	4.70	4.40	5.70	4.40	6.07						
March	1.60	3.20	2.20	3.52	2.85						
April	5.40	5.60	1.90	3.26	3.17						
May	3.30	5.30	2.40	2.82	5.2						
June	7.30	1.70	3.60	2.52	4.13						
July	6.60	5.00	3.10	5.42	2.27						
August	8.00	2.30	1.60	4.70	2.18						
September	6.50	5.10	1.60	3.16	6.69						
October	2.60	9.50	6.30	6.57	11.02						
November	6.00	4.00	4.00	3.62	7.61						
December	2.80	2.10	.70	7.22	4.05						
TOTALS	62.10 Est'd	49.00 Est'd	35.90 Est'd	46.91 Nov. 1934	53.79 Nov.	#					

This g. was run together with 384 until 1939 when it was dismantled. Re-commenced in 1934.

N.B. Monthly totals 1931, 32 & 33 sent for comparison purposes.

Gauge abandoned at end of 1935

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

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

Station No. T.F. 2706RAINFALL at S. Salpark Moor N/O 388

41

County of DerbyshireObserver Derwent Valley Water BoardRiver Basin Leant-Dealy 6Type of Gauge StandardAnnual Average 54.1 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. S

Average not longer applies (Low), 10/49.

File No. 60061746 370241/34

Diameter	5"			106	460							
Height	1'0"				1							
Altitude	1790'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	4.90	(6.15)	8.23	10.43	(7.20)	7.87	4.68	14.75	5.54	5.25	75.00	
February	6.92	(3.15)	5.86	4.03	6.61	11.16	3.30	5.23	3.45	9.28	60.99	
March	7.07	4.57	2.29	1.34	2.23	2.76	9.57	2.68	3.27	3.66	39.44	
April	3.67	2.84	3.87	4.76	3.16	2.68	4.34	3.81	6.43	5.76	41.32	
May	3.94	4.92	4.11	6.07	4.06	2.73	4.57	2.69	3.46	2.83	39.38	
June	3.59	1.38	5.26	4.94	5.36	6.26	3.43	7.14	1.43	3.84	42.63	
July	4.45	7.06	3.05	5.69	2.68	8.37	3.66	3.92	3.76	4.93	47.57	
August	9.56	5.93	8.54	5.89	4.65	6.43	.37	6.68	4.76	5.42	58.23	
September	1.29	4.73	6.27	9.07	3.53	8.74	3.04	4.22	2.68	9.07	52.64	
October	3.03	10.91	4.03	7.78	8.53	2.63	2.08	4.63	5.87	3.16	57.65	
November	5.36	1.97	6.28	10.65	1.29	11.17	7.91	3.54	10.64	9.57	68.38	
December	5.00	5.45	3.81	5.53	4.81	6.87	7.71	4.61	11.17	3.84	58.80	
TOTALS	65.78	(59.06)	61.60	76.18	54.11	77.67	54.66	63.90	62.46	66.61	642.03	
	M	M	M	M	M	M	M	M	M	M		

1941. Jan. 2 Dec. covered

1942. Jan. Feb. covered by obser.

1945 Jan. cat'd 60004

40004

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

BRITISH RAINFALL ORGANIZATION

Station No. 2706RAINFALL at 5 Alfred Moor No. 383

51

County of Derbyshire Observer Derwent Valley Water Bd.River Basin Leent Derwent-6Type of Gauge Snowdon SiphonAnnual Average 66.62 in. based on 22 years obs. un-weighted. Period of average 1916-1950 Ref.File No. 37024/34

Diameter ...	5"			106	460							
Height ...	1' 0"				1			10"				
Altitude ...	1290				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Total	
January ...	8.75	6.85	4.43	6.38	3.74	(8.67)	(4.64)	6.36	6.26	7.67	63.75	
February ...	8.23	6.26	(3.30)	4.70	3.08	3.09	5.14	10.26	1.24	(4.04)	49.34	
March ...	8.19	3.84	4.43	4.46	5.38	2.78	4.85	4.17	3.09	2.07	43.25	
April ...	3.76	4.67	4.49	1.47	3.02	3.31	1.23	2.44	5.24	3.85	33.48	
May ...	3.84	3.16	3.06	4.83	5.68	1.97	1.88	5.27	3.47	2.88	36.04	
June ...	2.12	4.96	5.19	4.54	5.11	5.67	1.84	6.63	3.12	2.28	41.46	
July ...	5.16	4.57	8.75	9.97	1.29	9.44	7.18	8.25	5.82	10.37	70.80	
August ...	7.94	4.26	6.67	9.73	.92	13.76	9.17	4.36	.65	(7.23)	65.19	
September ...	4.08	7.72	3.94	6.87	3.84	5.79	13.54	6.98	.29	6.08	59.13	
October ...	1.56	7.43	3.07	10.56	4.64	4.16	7.14	5.94	5.38	8.17	58.05	
November ...	13.08	5.22	4.76	10.17	3.53	3.34	3.52	2.42	6.82	8.14	61.00	
December ...	8.76	6.18	3.38	10.86	6.97	8.34	8.42	5.83	9.83	5.83	74.40	
TOTALS ...	75.46 M	65.12 M	55.47 H	84.54	47.20	70.32	68.55	64.41	51.21 M	68.61 M	655.89	

1966: Jan. part est. Eng. 1103, agree.

Inst. VII 1255 f. B.O.K. J. record. Sid over-impd all directions Turf wall poor - to be rebuilt
Under 1/2" cob. measure 200041960 from end 2004. Turf wall has not yet been re-built.
1960 ap low

Turf wall

(43)

Position of Station on Ordnance One-Inch map :

No. of Map 102National Grid Reference SK106943

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		1923	✓	✓	