

# RAINFALL AT Derwent Dam N°26

Lat. .... Lon. .... County of Derbyshire

5 Rain Gauge, by ..... Observer E. Sandeman Esq. C.E.

Derwent - 6.

Diameter ..							5				
Height ....							10				
Altitude ..							790				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							(5.08)	2.14	3.41	2.41	
February ..							3.74	2.58	3.76	2.86	
March ....							4.06	4.06	3.87	4.28	
April .....							1.74	3.13	3.38	2.33	
May .....							2.78	4.36	3.81	2.27	
June .....							1.61	6.56	2.34	4.39	
July .....							2.68	2.54	4.88	4.58	
August ....							3.34	3.95	3.48	1.91	
September ..							1.45	.82	2.98	3.08	
October ....							6.11	6.91	1.51	5.03	
November ..							5.87	3.64	3.43	1.49	
December ..							4.46	3.94	2.60	8.40	
TOTALS ..							(42.92)	44.63	39.45	43.13	

1906. g. fixed on Jan. 10 etc: first 10 days estimated.

RAINFALL at Derwent Dam No. 26County of DerbyshireObserver E. Sanderson Esq. of  
S. B. Wincobury Ch.River Basin East-Derwent 6

Rain Gauge, by \_\_\_\_\_

Diameter ...	5					8						
Height .....	1.0											
Altitude ...	790											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals.
January ...	3.87	1.65	4.85	4.07	3.13	6.84	3.69	3.71	3.75	4.89		75.59
February ...	4.31	3.80	1.67	1.73	2.24	5.85	8.22	.84	4.94	2.55		160.4
March .....	76	1.80	4.31	4.52	4.52	1.92	4.61	2.89	1.73	6.31		155.4
April .....	3.88	1.91	1.25	3.29	1.91	1.71	3.77	1.97	1.54	2.97		10.25
May .....	2.54	.96	3.25	2.44	2.66	1.32	2.10	1.66	3.39	2.09		9.24
June .....	3.20	2.56	3.48	1.75	3.75	1.13	3.32	2.09	2.73	1.68		9.82
July .....	3.67	.14	5.65	1.02	3.95	5.43	2.34	1.57	4.02	3.42		11.35
August .....	4.47	2.30	7.54	1.40	2.83	2.98	2.34	7.43	2.06	3.39		15.72
September ..	.31	3.36	2.27	2.60	3.17	.77	2.11	1.74	9.60	2.96		16.43
October ...	2.40	3.95	3.65	4.55	3.49	2.46	6.18	6.30	3.42	4.36		20.26
November ..	5.14	6.25	2.96	4.74	6.11	3.87	4.47	5.15	1.92	4.13		15.67
December ...	5.03	8.15	6.39	3.42	7.84	7.95	3.98	2.97	8.09	8.68		23.72
TOTALS ...	39.58	36.83	47.67	35.83	45.60	42.23	47.13	38.34	47.19	47.93		180.59

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

RAINFALL at Derwent Dam No 26County of DerbyObserver S. B. Wimmer CERiver Basin 6 - DerwentDerwent Valley Water Bd.

Copper M.O. Rain Gauge, by Casella  
W & Z glass broken  
not tested  
Good condition

Diameter ...	8					5		8				
Height .....	1	0										
Altitude ...	790											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	
January ...	6.26	7.64	4.87	5.74	3.13	5.35	5.77	4.27	10.12	2.34	5.64	Totals 61.13
February ...	4.25	5.24	6.09	7.56	2.44	6.86	3.95	1.58	6.18	.80	1.29	41.64
March .....	2.93	3.62	3.21	2.41	1.29	2.55	2.79	5.45	3.15	.68	3.74	31.82
April .....	5.88	2.29	4.67	3.10	2.71	3.96	2.52	6.19	1.91	1.70	4.34	39.27
May .....	5.69	2.00	1.21	5.10	5.48	4.46	4.05	1.64	1.46	2.80	2.70	36.59
June .....	4.26	.23	2.41	1.17	2.14	.11	3.04	5.89	4.80	1.43	3.89	29.37
July .....	5.92	1.37	4.49	3.98	4.59	1.69	2.89	3.07	1.50	3.67	6.84	40.01
August .....	1.81	5.89	6.89	4.74	5.45	4.81	4.12	4.49	5.22	4.16	4.97	52.55
September...	2.16	1.10	4.12	4.55	4.59	4.53	2.88	6.07	.63	2.03	6.05	38.71
October .....	2.34	2.65	1.61	4.09	6.85	5.58	5.25	4.75	5.96	5.25	6.54	50.87
November...	1.70	2.64	3.34	7.47	3.36	4.15	4.60	5.79	7.96	8.19	4.96	54.16
December...	4.58	7.71	5.60	4.67	3.92	5.99	3.82	2.64	3.82	9.56	3.92	56.23
TOTALS...	47.78	37.68	48.51	54.38	45.95	50.04	45.68	51.83	52.71	42.61	54.98	532.35 466

Inspected 28.2.21. Just S. of latitude of dam, about 10 yds E of road. Shelter on E by wall but none on W as ground slopes steeply down to bottom of valley. S. too near road from which it is clearly seen and too exposed.

S. new base within 1/4 mi between road and reservoir & N of Dam called "Doshouse" returns not sent to B.R.O. Shelter to S.W. by trees should be removed. Exposure previously good.

1930 Rectangular fence with lock, 29 foot sides erected 1930.

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 Fairholmes Nursery No 26  
No 26 A (1934)

County of DerbyshireObserver S. B. Winter Esq. C.E.River Basin Trent Derwent 6Derwent Valley Water Board (1933)Type of Gauge SnowdonAnnual Average 7.8 in. based on 23 years obs. un-weighted. Period of average 1881/1915 Ref. S660619/26 370241/31

Diameter	8			5								
Height	1	0		1	0							
Altitude	790			685								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	7.46	5.09	2.68	4.33	3.08	4.12	7.19	6.55	7.33	(375)		51.59
February	6.44	8.4	3.90	3.6	8.20	3.82	8.50	3.02	3.80	2.49		43.37
March	2.6	2.99	3.27	4.46	2.21	2.63	3.58	1.63	3.98	3.33		29.34
April	5.67	5.99	1.85	3.23	4.35	2.29	3.14	6.0	3.00	3.63		33.75
May	2.45	5.21	1.83	2.54	6.0	2.22	3.03	3.86	2.47	1.06		25.77
June	5.02	.93	3.39	1.73	4.51	3.43	1.97	3.82	2.71	.73		28.24
July	4.44	4.50	2.85	3.36	1.92	5.61	3.98	4.93	7.40	4.25		43.24
August	4.22	1.63	1.24	2.47	1.91	2.67	2.64	2.05	2.68	1.59		26.10
September	5.34	3.67	1.46	3.54	7.18	6.53	1.71	2.91	2.35	3.57		38.26
October	1.95	7.72	6.16	6.76	10.37	6.14	3.07	9.48	4.59	4.89		61.13
November	5.38	4.25	3.35	2.93	7.73	6.51	2.10	5.96	8.45	10.80		57.45
December	2.18	2.23	.87	6.28	3.89	5.65	4.50	5.55	3.64	5.64		42.43
TOTALS	53.81	45.05	34.85	41.99	57.95	52.62	45.41	50.35	52.40	45.73		480.17
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		D.

N.B. Inspected X/10. Site is unsuitable. A satisfactory site for a daily gauge was found some 250 yards below the dam and another in the nursery 22 yards from gate and 3 yards along path to S.W. It is recommended that the gauge should be moved to one of these sites forthwith, the one where the site is likely to remain suitable permanently.  
1934. Gauge moved to the upper nursery at Fairholmes. 120° N.W. of previous site (as in No 135A on 8/6/36) & renumbered 26A.

1940 Jan. est.

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. 2693RAINFALL at Lanchashire (Russey) N° 26A

41

County of Derbyshire Observer Derwent Valley Water Board.River Basin Leat - Derwent SType of Gauge snowdonAnnual Average 42.8 in. based on 23 years obs. un-weighted. Period of average 1881/1915 Ref. SFile No. 660619/26

Diameter	5"			106	297							
Height	1' 0"				1							
Altitude	685'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.54	5.17	6.15	7.68	6.23	7.19	3.96	10.87	2.98	3.55		Totals 58.32
February	5.22	2.24	3.79	3.26	5.45	9.14	(5.00)	8.93	2.67	7.97		48.67
March	6.78	2.64	1.99	.77	1.46	2.12	(8.00)	1.82	2.40	2.29		30.27
April	3.41	2.59	3.06	3.58	2.84	1.86	4.37	2.81	6.13	5.28		34.93
May	3.50	4.22	3.48	4.44	3.56	2.20	4.25	1.43	2.44	2.11		31.63
June	1.70	.96	3.28	3.41	4.98	4.67	3.06	6.01	.91	1.85		30.83
July	3.93	4.82	2.51	4.16	1.69	4.77	2.54	2.43	2.63	3.06		32.54
August	6.63	3.98	4.49	3.74	3.09	4.58	.54	5.11	3.20	4.07		39.43
September	.57	3.32	5.26	5.16	2.76	6.76	2.08	2.29	1.89	6.87		36.96
October	6.05	5.80	2.71	5.11	8.09	1.82	1.15	2.46	4.78	2.63		40.60
November	4.11	1.76	5.06	8.40	.69	10.01	6.64	2.37	7.40	7.77		54.21
December	3.32	4.23	2.24	4.72	3.33	4.70	6.11	4.35	9.32	3.15		45.47
TOTALS	49.76 D	41.73 D	44.02 D	54.43 D	44.17 D	59.82 D	47.70 D	45.88 D	45.75 D	50.60 D		683.86 D

1941 Jan. 2 Feb. covered for snow.

1947 Feb. March covered for snow.

30004

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. 2693

T.F. 26

RAINFALL at Fairholmes (Nursery) No. 269

51

County of Derbyshire Observer Derwent Valley Water Bd.

River Basin Trent-Derwent-6

Type of Gauge Snowdon Self-acting

Annual Average 42.8 in. based on 23 years obs. un-weighted. Period of average 1881-1905 Ref. 5

50.67

22

within 1935-57

File No. 370241/34

Diameter ...	5"			106	297						
Height ...	1' 0"				1						
Altitude ...	685'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	6.17	6.72	1.86	5.00	3.61	8.50	4.19	5.54	4.99	8.19	54.77
February ...	5.45	2.31	3.74	3.60	3.85	1.56	4.29	7.69	.43	3.58	36.50
March ...	6.73	3.26	3.59	3.09	4.65	2.27	3.82	3.45	2.07	2.39	35.32
April ...	3.01	4.19	3.61	.75	1.90	2.30	.81	1.82	3.93	3.25	25.57
May ...	3.31	3.17	2.92	4.25	6.04	1.14	1.56	4.06	1.27	2.04	29.76
June ...	1.47	2.60	3.34	3.12	3.54	4.22	1.80	5.25	2.19	1.77	29.30
July ...	2.88	2.79	4.65	5.93	1.34	9.09	4.73	6.64	3.45	7.61	49.11
August ...	5.31	2.67	4.85	7.44	1.00	9.06	7.47	4.01	.80	4.55	47.16
September ...	3.51	6.72	2.60	5.41	2.40	4.71	8.68	5.45	.07	5.67	45.28
October ...	1.11	8.50	2.21	8.33	3.78	3.35	4.47	4.15	4.50	6.99	47.39
November ...	10.42	4.13	2.99	7.46	2.44	2.25	3.28	1.54	6.09	7.27	47.87
December ...	6.32	5.01	2.20	8.50	6.99	6.26	6.46	5.28	8.23	6.18	61.43
TOTALS ...	55.69 D	52.07 D	38.56 D	62.88 D	41.54 D	54.77 D	51.56 D	54.88 D	38.02 D	59.49 D	509.46

fresh till 1955 J. BOK. Very good site.

1960 from well BGA. Satisfactory.

Position of Station on Ordnance One-Inch map :

No. of Map 111

National Grid Reference 5K173893

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

Summary of Earlier Records from 10-year Sheets :

1916-1959 P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	-	D28-30	Whit 240	✓	