

RAINFALL AT Derwent Damm No. 26

Lat. Lon. County of Derbyshire
 5 Rain Gauge, by Observer E. Sandeman Esq.

Derwent - 6.

Diameter	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height							5				
Altitude							10				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
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	4.88	
April							1.74	3.18	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. q. fixed on Jan. 10th: first 10 days estimated.

RAINFALL at Derwent Dam

N. 26

County of Derbyshire

Observer

E. Sandeman Esq. C.E.River Basin Trent-DerwentS. & B. Wimberley Esq. C.E.

Rain Gauge, by

Diameter ...	5						8						
Height	1. 0												
Altitude ...	790												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	3.87	1.65	4.85	4.07	3.13	6.84	3.67	3.71	3.75	4.89			
February ...	4.31	3.80	1.67	1.73	2.24	5.85	8.22	8.44	4.94	2.55			
March	76	1.80	4.31	4.82	4.52	1.92	4.61	2.89	1.73	6.81			
April	3.58	1.91	1.25	3.29	1.91	1.71	3.77	1.97	1.54	2.97			
May	2.54	.96	3.25	2.44	2.66	1.32	2.10	1.66	3.39	2.09			
June	3.20	2.56	3.68	1.75	3.75	1.13	3.32	2.09	2.73	1.68			
July	3.67	.44	5.65	1.02	3.95	5.40	2.34	1.57	4.02	3.42			
August	4.47	2.30	7.54	1.40	2.83	2.98	2.34	7.43	2.06	3.89			
September ..	.31	3.36	2.27	2.60	3.17	.77	2.11	1.74	9.60	2.96			
October ...	2.40	3.96	3.65	4.55	3.49	2.46	6.18	6.30	3.42	4.36			
November ..	5.14	6.25	2.96	4.74	6.11	3.87	4.47	5.15	1.92	4.13			
December ...	5.03	8.15	6.39	3.42	7.84	7.95	3.98	2.97	8.09	8.68			
TOTALS ...	39.58	36.83	47.67	35.83	45.60	42.23	47.13	38.34	47.19	47.93			

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

RAINFALL at Derwent Dams No. 2b

County of Derby

Observer: S.B. Wiesner CE

River Basin 6 - Derwent.

Dorment Valley Water Bd.

VII-20 Copper M.-O. Rain Gauge, by Casella
8.05 N + Z glass broken
8.00 Good condition
8.00 not tested.

Diameter ...	8					5					
Height	1	0									
Altitude ...	790										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
										MEANS.	
January ...	6.26	7.64	4.87	5.74	3.13	5.35	5.77	4.27	10.12	2.34	5.64
February ...	4.25	.54	6.09	7.56	2.44	6.86	3.95	1.58	6.18	.80	1.39
March	2.93	3.62	3.21	2.41	1.29	2.55	2.79	5.45	3.15	.68	3.74
April.....	5.88	2.29	4.67	3.10	2.71	3.96	2.52	6.19	1.91	1.70	4.34
May	5.69	2.00	1.21	5.10	5.48	4.46	4.05	1.64	1.46	2.80	2.70
June	4.26	.23	2.41	1.17	2.14	.11	3.04	5.89	4.80	1.43	3.89
July	5.92	1.37	4.49	3.98	4.59	1.69	2.89	3.07	1.50	3.67	6.84
August	1.81	5.89	6.89	4.74	5.43	4.81	4.12	4.49	5.22	4.16	4.97
September...	2.16	1.10	4.12	4.55	4.59	4.53	2.88	6.07	.63	2.03	6.05
October.....	2.34	2.65	1.61	4.09	6.85	5.58	5.25	4.75	5.96	5.25	6.54
November...	1.70	2.64	3.34	7.47	3.36	4.15	4.60	5.79	7.96	8.19	4.96
December...	4.58	7.71	5.60	4.67	3.92	5.99	3.82	2.64	3.82	9.56	3.92
TOTALS...	47.78	37.68	48.51	54.58	45.95	50.04	45.68	51.83	52.71	42.61	54.98

Inspired JG. 20. III. 21. just S. of latitude of dam, about 10 yds E of road. Shelter on E by wall but none on SW as ground slopes steeply down to bottom of valley. B. too near road from which it is clearly seen and too exposed.

{ S. nest here within ½ mi between road and reservoir S of Dam called "Dosshouse" return not sent to B.R.O. Shelter to S.W by trees should be removed. Exposure relatively 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. _____

RAINFALL at Derwent Dam No. 26
Fairholmes (nursery)
No 26 (1934)

County of Derbyshire Observer S. B. Winter, Esq., C.E.
River Basin Trent Derwent 6 Derwent Valley Water Board (1933)
Type of Gauge Standard

Annual Average 17.7 in. based on 23 years obs. un-weighted. Period of average 1881/1915 Ref. S

660619/26 37024/34

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	3.63	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	1.60	3.00	3.63	33.75	
May	2.45	5.21	1.83	2.54	1.60	2.22	3.03	3.86	2.47	1.06	25.27	
June	5.02	9.3	3.39	1.73	4.51	3.43	1.97	3.82	2.71	.73	28.24	
July	14.44	14.50	2.85	3.36	1.92	5.61	3.98	4.93	7.40	4.25	43.24	
August	9.22	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	3.67	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	5.89	5.65	4.50	5.55	3.64	5.64	42.43	
TOTALS	53.81	45.05	34.85	41.99	57.95	52.63	45.41	50.35	52.40	45.73	420.17	420.17
	D	D	D	D	D	D	D	D	D	"d"		

N.B. Inspected X/8. Site is unsuitable. A satisfactory site for a daily sample was found some 200 yards below the dam and another in the nursery 22 yards from gate and 3 yards along path to dam. 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 the previous site (as in 1933) on 5/6/34 & renamed 26A.

1940 Jan. est.

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.

Station No. TF 2693

RAINFALL at Fainholme (Nursery) N° 26A 41

County of Derbyshire Observer Derwent Valley Water Board.
 River Basin Trent - Derwent S
 Type of Gauge Snowdon

Annual Average 42.8 in. based on 23 years obs. un-weighted. Period of average 1881/1915 Ref S

File No. 660619/26

370261781

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	Total 32.58.32
February	5.22	2.24	3.79	3.26	5.45	9.14	(5.00)	8.93	2.67	7.97	48.87
March	6.78	2.64	1.99	7.7	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	5.73	5.28	34.73
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	4.87	37.63
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	116	77	100.7	122.7							483.86
	49.76	41.73	44.02	54.43	44.17	59.82	47.70	45.88	45.70	50.60	483.86

1941. Jan - 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	Parish Church.	Distance from gauge

RAINFALL at Fairholmes (Nursery) No. 2693

Station No. 2693

51

County of Derbyshire

Observer Derwent Valley Water Bd.

River Basin Trent-Derwent-6

Type of Gauge Shawlton Septant

Annual Average 42.8 in. based on 23 years obs. un-weighted. Period of average 1881-1955
" 50.67 " " 22 " " within 1935-57

Ref. 5

File No. 370241/34

Diameter ...	5'		106	297							
Height ...	1' 0"				1						
Altitude ...	650'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
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	4.3	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	7.75	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	4.75	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	52.07	38.56	62.88	41.54	54.71	51.56	54.38	38.02	59.49	509.46

first 100 ft. of book. Very good site.

1960 from small B.G.A. Sato factory.

(43)

Position of Station on Ordnance One-Inch map : No. of Map 111 National Grid Reference SK 173813

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	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
		✓	✓	✓	✓	✓