

80

RAINFALL AT *Shetton (Lindray Reservoir)*

Lat. _____ Lon. _____ County of *Derby.*
 Rain Gauge, by _____ Observer *A. G. Cole Esq. C.E.*

Descent to.

Diameter				5							
Height				4.3							
Altitude				447							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...				1.83	2.48	1.35	2.03	.99	.64	1.02	
February ...				1.93	1.84	1.69	.29	.20	.29	.84	
March .....				.24	1.49	.99	1.31	.82	2.05	1.70	
April				1.96	1.97	1.06	1.16	.94	1.30	2.80	
May .....				.53	.71	1.79	5.16	1.20	.54	2.70	
June				3.36	1.08	2.66	1.04	.37	1.44	.07	
July				1.77	3.17	.38	2.42	1.02	4.36	2.82	
August .....				.83	1.64	1.99	1.37	1.35	2.12	2.94	
September ...				4.39	1.53	1.75	1.01	2.28	.71	2.22	
October				3.65	.95	5.15	4.50	1.25	.48	2.99	
November....				1.47	.82	2.20	1.05	1.21	4.19	.72	
December ....				.76	1.83	.44	2.74	1.26	1.73	1.12	
TOTALS				22.72	19.51	21.45	24.08	12.89	18.74 19.85	21.94 ?	

1883. *Wessington Church 2 m. S.E.*

High hills to westward.

1887 *Gauge fixed on Bank of Reservoir 50 ft high & 160 yds in length*

Bad. Inst. mfg 1909

N.B. Rejected from Survey as 7" Low.

RAINFALL AT *Stretton Lindway Reservoir*

Lat. _____ Lon. _____ County of *Derby*

Rain Gauge, by _____ Observer *Mr Piers*

Survey - 6.

Diameter	5											
Height	4 3											
Altitude	447 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.41	1.27	1.26	1.01	1.38	3.46	.58	1.44	.64	2.98	1.643	
February ....	.50	.12	1.02	1.87	1.71	.05	.86	1.72	1.26	1.63	1.074	
March	1.02	.94	.50	.24	.79	1.94	1.80	1.46	.46	.78	.993	
April .....	.37	1.91	.77	.75	2.22	1.44	.60	1.47	2.10	2.23	1.386	
May	2.17	2.59	2.08	2.70	1.61	.59	.29	.98	2.10	2.88	1.799	
June	1.42	3.68	3.67	.92	1.98	.97	2.50	2.46	1.05	1.73	2.038	
July	1.72	2.15	1.88	2.66	2.42	4.56	1.59	1.15	1.13	1.31	2.069	
August	3.03	3.32	1.29	1.59	2.01	2.55	1.88	2.65	2.73	.62	2.167	
September....	1.55	.98	1.69	1.23	.54	.59	5.16	2.28	.35	3.66	1.803	
October	1.03	2.61	3.28	1.52	2.71	2.00	2.34	1.04	2.50	2.63	2.166	
November....	2.51	2.30	1.04	.47	1.90	2.91	1.00	2.09	1.47	.83	1.652	
December ....	.59	2.96	.59	1.86	1.48	2.41	3.20	2.22	1.53	1.59	1.843	
TOTALS	18.32	24.83	19.07	16.82	20.75	23.47	21.80	20.96	17.32	22.87	20.621	

N.B. *Rejected from Survey as 7" low.*

RAINFALL AT *Shelton Lindway Reservoir*

Lat.

Lon.

County of *Derby*

Rain Gauge, by

Observer *Mr. Peers*
*Mrs. Kimmington**Derwent - 6.*

Diameter ..	5										
Height	4.3					3 6					
Altitude ..	447 7										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.51	1.31	.82	1.62	1.86	.83	3.21	1.39	1.03	.91	1.649
February ..	3.35	1.66	1.41	.64	3.19	.68	1.89	1.45	1.14	.45	1.586
March ....	.42	1.07	1.46	2.42	1.66	2.35	1.51	1.46	2.18	2.27	1.630
April .....	.52	.88	1.85	.95	1.43	.97	.59	1.08	1.57	1.43	1.127
May	1.08	1.35	2.14	2.86	.66	.59	1.42	2.26	2.24	1.49	1.609
June	4.10	1.20	1.69	.70	.71	2.17	1.92	3.36	1.37	2.93	2.005
July	4.54	3.63	1.45	2.78	2.78	2.01	.48	1.94	2.72	2.90	2.523
August	4.44	1.44	3.14	4.56	4.38	3.61	1.07	2.21	1.69	2.38	2.892
September ..	.72	1.04	1.39	2.80	.93	1.24	.52	.31	2.92	1.36	1.323
October	2.27	1.32	2.18	4.81	.77	1.16	5.83	3.81	1.06	3.09	2.630
November ..	1.93	2.31	1.91	1.81	.98	2.44	2.02	2.32	1.23	.27	1.722
December ..	3.28	3.89	1.39	.88	1.31	.80	2.31	2.17	1.39	3.83	2.125
TOTALS ..	30.16	21.10	20.83	26.83	20.66	18.85	22.67	23.76	20.54	23.31	22.871

D

D

D

D

D

D

D

HUB

1900 February Snow estimated

1902 Wessington Church 1 mile S

1903 Wingfield Station $\frac{1}{2}$ miles S

1907 Brackenfield Church 1 mile E

1908 Not printed - bad

N.B. Rejected from Survey as 7" low.

N.B. The average as computed for Notts Map (X1.09) was hopelessly small.

cs.

RAINFALL at Brackenfield Lindway Reservoir

County of DerbyshireObserver R F Ward EsqSurveyor, DerbyshireRiver Basin Trent-Derwent 6J. Spencer EsqRain Gauge, by Snordon K43

Diameter ...	5										
Height	10										
Altitude ...	595										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		1.08	4.88	3.88	1.78	3.36	1.28	2.65	2.91	4.98	
February ...		1.74	1.95	1.36	2.37	4.45	5.68	.89	2.39	2.81	
March		1.32	4.39	4.18	3.08	1.17	5.30	2.87	1.48	5.02	
April		1.77	.35	3.71	1.14	1.18	1.12	1.56	.57	1.57	
May		1.71	2.02	2.26	1.81	1.23	2.30	2.41	3.68	1.51	
June		2.13	3.64	.82	2.41	.96	2.29	2.42	.69	.68	
July	2.79	.02	5.90	1.30	4.98	4.54	1.56	1.74	3.82	2.47	
August	4.51	1.57	6.75	2.03	2.31	2.90	2.37	5.32	2.60	3.29	
September ..	.58	1.65	1.03	2.21	1.34	.65	1.89	1.28	5.64	2.26	
October ...	2.78	2.39	4.02	3.55	3.07	2.11	3.64	4.37	1.54	3.23	
November ..	5.28	2.82	2.52	2.80	4.38	3.68	3.85	1.39	1.81	2.37	
December ...	5.01	5.42	3.22	1.28	6.23	6.99	2.84	2.01	5.19	5.61	
TOTALS ...		23.62	41.67	29.38	34.90	33.22	34.12	29.91	32.32	35.80	

TOTALS
18.72
11.82
11.77
14.67
6.82
9.90
6.08
9.59
13.58
11.07
12.72
9.42
15.65
13.11
4.06

(Recorded 10.1.24. continued 11.2.25. 1917-22)

Site collected by Dr. Mill.
Enclosing fence twice the height of fence away.

N.B. See previous page.

Average recorded 190-22 = 31.9. ✓OK

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 7' 10"	1° 25' W	Wingfield	3m 4.200 yds	SE	Brackenfield Wingfield	2.000 yds 12.5 yds	NE SE

RAINFALL at Brackenfield, Sindway ReservoirCounty of DerbyshireObserver M. F. Ward Esq. C.P.River Basin Derby - Don't & Co.Surveyor (Refuted)Standard Rain Gauge, by N + Z

Diameter ...				5									
Height				1.0									
Altitude ...				595									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.		
January ...	3.72	4.28	4.80	1.91	2.90	3.15	3.49	2.44	6.58	1.28	5.15	Totals.	39.70
February ...	3.08	.33	3.32	6.67	.83	4.37	2.84	1.88	3.19	1.60	.94		29.05
March	2.61	1.72	2.08	2.17	1.53	1.22	1.29	3.32	2.75	.18	3.15		22.02
April	6.99	1.41	3.82	2.69	2.78	2.60	2.47	2.15	1.26	1.43	3.84		31.44
May	3.07	1.86	.61	3.32	3.90	4.12	3.11	1.24	1.07	2.22	2.27		26.79
June	2.99	.62	1.12	.78	2.52	.03	1.74	4.81	3.42	1.65	1.66		21.34
July	6.18	.85	5.02	4.29	4.74	1.85	2.29	2.60	1.28	2.09	6.39		37.58
August	1.07	3.93	7.25	3.00	3.60	2.55	2.25	4.80	3.46	2.63	2.89		38.43
September...	1.73	1.14	2.60	3.27	3.26	4.48	1.56	5.01	.61	.94	5.08		29.68
October	2.22	3.99	1.08	2.16	5.65	4.03	2.88	3.05	6.09	4.31	3.22		38.66
November...	1.19	2.06	1.68	3.06	2.38	2.35	5.18	3.05	5.03	7.16	3.98		37.12
December...	2.63	3.15	3.93	3.47	3.54	3.29	1.12	2.67	2.47	6.23	3.73		37.23
TOTALS...	38.48	25.34	37.31	36.79	37.63	34.04	31.22	37.02	37.19	31.72	42.30		387.04

Received 10.1.24. entered 11.25. 1917 - 22.
1925. Enclosing fence, twice the height of the fence away.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1923	53° 10'	1° 28'	Walsfield	4200 yds	S.E.	Brackenfield	2000 yds	N.E.

RAINFALL at Brackenfield (Lindway Res.)County of DerbyshireObserver R.F. Ward Esq., C.E.River Basin Trent - DerwentType of Gauge LondonAnnual Average 81.2 in. based on 23 years obs. ~~un~~weighted. Period of average 1910-32. Ref. S.

Diameter	5											
Height	10							1' 6"				
Altitude	595											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	2.31	2.97	2.71	2.66	1.48	4.37	5.38	4.09	6.66	3.38		36.01
February	3.55	5.1	2.96	7.4	3.53	2.78	4.74	1.00	1.80	3.45		25.06
March	2.3	1.51	2.97	2.87	80	2.40	3.04	30	2.25	2.29		18.66
April	4.09	3.14	1.27	2.87	3.30	2.22	2.40	2.2	2.08	1.73		23.32
May	3.67	6.64	1.99	1.42	52	4.2	3.08	2.21	1.51	1.88		23.34
June	3.96	1.18	1.43	5.9	3.88	3.18	1.27	2.10	2.54	1.00		21.13
July	4.01	3.65	2.42	1.32	89	4.50	3.00	4.46	4.94	3.13		32.32
August	5.88	2.49	46	1.98	2.00	1.09	70	1.26	2.03	58		18.47
September	4.36	2.51	1.03	2.73	3.58	3.83	1.54	2.92	1.53	1.63		25.66
October	5.4	4.08	5.02	1.70	4.95	2.78	2.81	4.36	4.40	5.24		35.88
November	4.93	2.46	1.60	1.96	5.98	3.15	1.90	4.05	4.53	6.89		37.45
December	1.25	1.24	56	6.40	4.38	2.62	4.18	5.38	1.47	2.14		27.62
TOTALS	38.78	32.38	24.42	27.24	35.29	33.34	34.04	32.35	35.74	33.34		326.92
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		486

1931. Gauge fixed in accordance with directions by Dr. Mills.

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
1931.			Wingfield	3m	SW.	Brackenfield	1m	E.
1940			"	2 1/2 m	SE.	"	1 1/4 m	E.

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

Station No. 2668RAINFALL at Brackenfield (Lindway Rec.)

41

County of DerbyshireObserver R. J. V. G. Esq. B.C. left beginning 1947River Basin Lent - Derwent G.F. P. Walters Esq.Type of Gauge StandardAnnual Average 31.7 in. based on 23 years obs. un-weighted. Period of average 190-32 Ref. SFile No. E 1357/44

Diameter	5"			109	392							
Height	1'6"				1							
Altitude	595'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.86	4.15	5.30	3.52	2.41	2.89	3.47	7.53	1.17	6.5		Totals 35.95
February	5.86	1.20	1.19	2.07	3.19	3.25	(2.00)	1.99	1.08	6.32		26.15
March	4.22	2.11	(65)	.33	.78	1.24	(6.00)	.92	1.64	1.23		19.12
April	1.92	1.39	1.44	2.18	2.42	.90	2.65	1.78	3.09	2.66		20.33
May	2.52	3.36	3.49	1.28	2.97	1.47	2.00	2.19	1.66	2.08		23.02
June	.40	.95	1.53	2.48	3.21	3.68	1.75	3.84	.79	1.49		20.12
July	4.51	2.23	1.40	3.60	1.68	2.28	1.35	1.33	4.29	2.09		24.76
August	4.62	2.49	2.88	3.23	2.07	5.50	.61	5.72	1.92	4.53		33.57
September	.52	2.48	2.93	3.44	1.40	4.10	1.86	2.04	1.32	4.05		24.14
October	2.98	2.18	2.21	3.57	4.60	1.50	.30	1.61	5.09	.92		24.96
November	3.46	1.34	2.80	6.39	.54	7.37	2.59	1.16	4.53	4.95		35.13
December	1.23	2.59	1.35	2.21	2.08	3.37	2.49	4.89	3.39	2.27		25.87
TOTALS	35.00 D	26.48 2	27.17 D	34.30 P	27.35 D	37.55 P	27.07 D	35.00 2	29.97 2.1	33.24 6.0		313.12 4.06

1944 g. fixed in accordance with instructions 10/1/44.

1947 Feb. much out. now.

1949 NP late.

1950 NP late.

1942. Corrected for addition, 19/4/56. RSB

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			Wingfield	2 1/2 m.	S.E.	Brackenfield	1 1/2 m.	E.

BRITISH RAINFALL ORGANIZATION

Station No. 2668RAINFALL at BRACKENFELD (LINDWAY RESERVOIR)

51

County of DERBY Observer F. P. WATERS, Esq.River Basin TRANT - DERWENT - 6Type of Gauge SNOWDONAnnual Average 31.9 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref. S
33.15 " " 35 " " 1916-1950 1916-1950-1357/44 P

File No.

Diameter ...	5"		109	392	8"							
Height ...	1' 6"			1								
Altitude ...	595'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	2.74	2.43	.91	1.94	2.32	5.41	2.50	3.75	3.39	5.50	31.89	
February ...	3.38	.74	1.61	3.06	2.83	1.61	3.08	5.04	.15	3.77	25.27	
March ...	4.67	2.64	2.50	2.89	3.39	1.16	2.61	2.34	1.89	1.93	26.02	
April ...	2.30	1.75	3.04	.69	1.15	2.23	.19	1.14	3.56	1.53	17.58	
May ...	3.55	2.79	2.25	3.50	3.19	.80	1.11	2.95	.77	1.69	22.60	
June ...	1.67	2.63	2.93	4.24	4.23	3.93	1.44	4.53	1.05	1.82	28.47	
July ...	1.08	1.22	2.80	2.35	.68	3.98	4.34	4.90	3.78	3.57	28.70	
August ...	5.25	1.43	2.98	5.40	.35	6.96	5.15	2.02	1.05	5.71	36.30	
September ...	2.69	2.62	1.65	4.11	.84	3.20	6.89	3.16	.06	4.74	29.96	
October ...	.91	4.37	2.43	3.86	3.25	1.78	2.40	2.82	2.43	7.22	31.87	
November ...	7.19	2.01	2.29	6.78	3.26	.92	2.80	1.01	3.65	4.87	34.78	
December ...	3.04	2.78	1.42	2.75	3.29	4.63	2.58	3.90	4.81	4.00	34.10	
TOTALS ...	38.37	27.41	26.81	42.57	29.77	36.51	35.09	37.26	26.59	46.35	347.04	

1954. Shed. 12' @ 20° NNE

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SK(43)357564

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1954			Wingfield	2m S	Wassington	1m S

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
	cimp 1910	✓	✓	✓	
	D	D 23-30	butd 34.40	D 41-48	