

RAINFALL AT

Bulwell Watnall Reservoir

Lat.

Lat.

County of Nottinghamshire

Snowdon

Rain Gauge, by N.Y.F.

Observer F.W. Davies Esq.

Elevatn - 44.

Diameter ..							8				
Height ..							0 11				
Altitude ..							472 ft				
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..							3.45	1.02	1.30	1.20	
March ..							2.80	1.89	1.84	.86	
April.....							1.69	1.40	2.83	3.89	
May51	2.90	2.18	1.41	
June							1.95	3.39	2.81	1.34	
July							1.83	3.09	1.84	2.45	
August77	2.47	3.95	3.77	
September ..							1.09	2.84	4.23	3.09	
October....							.94	.70	1.65	2.80	
November ..							6.06	4.69	1.26	3.90	
December ..							2.82	2.39	1.27	.51	
TOTALS ..							26.24	29.79	26.53	30.16	

D D D D

1909 Holy Trinity Kimberley Church 1030 yards S W
 Kimberley Station 808 . S. W.
 Reservoir Bank 33 ft high 17 yards E
 Close bounded fence 7 . . 7 " W

RAINFALL at Bulwell (Satnall Reservoir)

County of Nottinghamshire

Observer: F.W. Daniels, Jr. Not Corp:

River Basin Trent-Erewash 4

Snowdon Rain Gauge, by No 2

Diameter ...	8									
Height	0	11								
Altitude ...	472	ft								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
										MEANS.
January ...	2.31	1.14	4.74	4.14	1.57	2.62	1.20	2.57	2.21	3.92
February ...	2.67	1.86	1.71	1.03	1.56	3.29	6.95	.86	2.51	2.68
March60	1.47	3.22	4.01	2.54	.75	5.08	2.25	1.36	5.24
April	2.01	1.17	.80	3.00	1.16	.87	1.53	1.40	2.02	1.62
May	2.36	1.01	3.06	2.10	2.85	1.80	2.79	2.12	2.82	1.61
June	2.12	4.03	4.15	.95	2.51	1.96	2.73	2.35	.62	.98
July	2.67	.12	5.22	1.18	3.23	6.02	2.80	1.60	3.28	2.39
August	4.18	2.30	6.35	1.61	1.84	2.97	2.41	3.97	1.92	2.28
September ..	.62	1.54	1.15	2.13	1.24	1.08	1.50	1.82	5.18	2.00
October ...	2.30	2.11	3.52	4.69	2.69	1.94	2.76	4.35	1.83	3.01
November ...	4.46	2.31	2.19	2.35	3.69	2.79	3.51	1.35	1.83	2.00
December ...	5.24	4.69	3.87	1.12	6.25	5.92	2.61	1.21	3.67	4.35
TOTALS ...	31.57	23.75	39.01	28.31	30.63	32.01	35.87	25.86	29.25	32.08

Reservoir Bank 33 pihgt 7 Jds E
Fence 7 - - 7 - W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53° 0' N	1. 16. W	Kimberly	MR	806 yds	SW	Holy Trinity	1030 yds	SW

RAINFALL at Bulwell Waterall Reservoir

County of Nottinghamshire Observer F. W. Davies Esq.

River Basin Trent-Erewash & Water Envir. Nottingham

Snowdon Rain Gauge, by No. 2.

Diameter ...	9									8
Height	0.11									1.0
Altitude ...	472									468.
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1930 MEANS.
January ...	3.36	2.48	3.75	1.37	2.16	2.28	3.23	1.94	5.38	1.53 4.42
February ...	2.48	1.33	3.14	4.50	1.03	2.83	2.57	1.79	2.22	.43 .76
March	1.98	1.14	2.07	1.28	1.25	1.75	1.85	2.57	2.62	.18 3.02
April.....	4.49	1.00	3.18	2.03	2.33	2.18	1.54	1.83	.53	1.55 3.42
May	2.19	1.83	1.01	2.92	3.36	4.56	2.33	1.14	1.64	1.94 2.15
June	2.65	.42	.91	.61	2.17	.05	2.25	4.37	2.59	1.38 2.00
July	4.32	.58	4.13	4.77	2.71	1.56	1.84	2.65	1.83	1.35 5.76
August	1.08	4.33	5.81	3.18	3.17	2.81	1.95	3.25	2.48	2.68 3.06
September...	1.83	1.08	2.35	2.48	3.19	3.83	1.07	4.24	.52	.54 5.16
October.....	1.59	3.34	.81	2.10	4.35	3.81	2.12	2.52	4.39	3.48 2.87
November...	.86	1.80	.96	1.97	2.01	1.97	3.70	2.95	3.45	6.25 3.52
December...	3.41	2.11	3.35	3.37	3.22	2.46	1.10	2.45	2.31	5.29 2.39
TOTALS...	30.24	20.44	31.47	29.82	30.95	29.09	24.55	31.70	29.46	24.23 38.53
	D	D	D	D	D	D	D	D	D	D

1920 Reservoir Tank 33 ft high 17 yds E

Fence 7 ft high 17 yds W

1921 Reward House 12 ft high 32 yds N.W.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	52° 54' 58° 0'	1° 16'	Wimberley	8067 ft S.W.	Holy Trinity	10307 ft S.W.	

RAINFALL at Bulwell (Watnall Reservoir)

County of Nottinghamshire

Observer F.W.Davies, Esq.CE

River Basin Trent - Erewash H

Type of Gauge M.O.

Annual Average 22.2 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S

743106/27

Diameter	8	Height	10	Altitude	468	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.99	1.71	2.10	2.71	1.04	3.61	3.58	3.00	4.77	2.2+	2.675						
February	2.95	1.51	2.59	7.2	2.48	1.92	4.06	.58	1.35	2.38	1954						
March	1.26	1.90	2.93	2.58	.94	1.68	2.08	.14	1.72	1.90	1603						
April	3.72	2.74	1.35	2.29	3.33	1.70	2.54	1.10	1.61	1.74	2112						
May	3.14	6.51	2.05	.99	3.0	1.34	2.45	2.34	1.23	1.22	2087						
June	4.22	.99	2.02	.60	2.87	2.56	.78	1.39	1.67	.98	1908						
July	4.37	4.32	3.12	1.56	.82	5.38	3.21	4.04	5.69	2.13	3664						
August	4.71	1.62	.79	2.11	2.02	1.01	.44	3.26	2.51	.21	1871						
September	3.56	2.08	1.28	1.94	5.39	2.86	1.49	1.99	1.46	.45	2248						
October	1.81	3.18	4.14	1.46	4.03	1.65	2.78	2.70	2.73	3.02	2650						
November	3.21	2.28	2.04	2.27	4.49	2.86	1.72	2.74	3.71	3.90	2922						
December	1.29	1.00	.48	5.18	3.45	1.72	2.69	4.07	1.83	1.10	2281						
TOTALS	34.23	28.84	24.89	24.41	31.16	28.18	28.15	26.35	30.27	21.27	2777						
	D	D	D	D	D	D	D	D	D	D	D						

1931. Reservoir bank 33' high 17 yds. E. Close boarded fence 7' high 17 yds. W.
1940. np low. Jan 26th 27th Feb 16th late. 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	Parish Church.	Distance from gauge
1931.			L.M.S.R. Kimberley	806 yds.	S.W.	Holy Trinity, Kimberley	1030 yds. S.W.

RAINFALL at

~~Bulwell (at Waterall Reservoir)~~Station No. 2816

County of Nottinghamshire Observer E.W. Davies Esq. C.E.
 River Basin Trent - Grewash 4
 Type of Gauge 7 in. 1

Annual Average 29.10 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 743106/1

Diameter	<u>8"</u>		<u>116</u>	<u>450</u>							
Height	<u>1' 0"</u>			<u>1</u>							
Altitude	<u>468'</u>			<u>41</u>							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.04	2.41	4.09	2.98	1.40	2.24	2.62				
February	1.57	.80	.64	2.09	2.32	2.52	1.75				
March	1.92	1.73	.77	.34	.68	.57	3.38				
April	.95	1.28	.67	2.32	1.55	1.10	1.93				
May	1.20	3.63	3.11	1.01	2.26	1.39	1.60				
June	.36	.78	1.72	1.64	2.82	2.67	1.59				
July	3.12	2.57	.79	2.85	2.42(2.09)	2.51					
August	3.76	2.76	2.06	3.28	2.18	5.65	.13				
September	.36	1.29	2.18	4.16	1.52	2.74	1.21				
October	2.70	2.12	1.64	2.64	3.45	1.14	.21				
November	2.59	1.51	2.04	4.88	.41	4.43	1.99				
December	1.01	1.97	.91	1.36	1.87	2.61	2.25				
TOTALS	22.59 n.p.	22.85 D	20.68 D	29.55 D	22.88 D	29.15 D	21.17 D				

1941. n.p. Low Reservoir Banks 33' high 17' yds. E. & base boarded fence 7' high 17' yds. W.
 1948 gauge moved to Sta. 2895/5 00404

1910-19	1920-30	1931-40	1941-50
✓	✓	✓	n.p. 40 41-47
✓ but -15.6	✓	✓	✓

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map 5 Reference No. SK 498 457

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Kimberley L.M.S.	Soby	S.W.	Holy Trinity	1030yds S.W.