

# RAINFALL AT

Elkeley Pumping Station

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Nottinghamshire

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

Observer Neil McK Barron Esq C.E.

Inst. L. bank - 5.

Diameter ...										5	
Height .....										1 0	
Altitude ...										118 <del>7</del>	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										.89	
February ...										.56	
March .....										2.12	
April .....										2.06	
May .....										1.18	
June .....										3.64	
July .....										3.56	
August .....										4.04	
September ..										2.26	
October ...										2.56	
November ..										.24	
December ...										5.10	
TOTALS ...										28.21	

1909 S. file Elkeley Church 1 1/2 miles E  
 Cheekhouse Station G.C. Ry 2 1/8 " NW  
 Plantation 12 ft high 240 ft H

RAINFALL at Elkeley Farming StationCounty of NottinghamshireObserver Neil McK. Barron Esq. CLRiver Basin Irwell - Left Bank Tributaries 5C Horskin Esq. CLSnowdon Rain Gauge, by N+3

Diameter ...	5											
Height .....	10											
Altitude ...	1187											
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	1.99	1.04	3.63	3.58	1.17	2.65	.50	2.78	1.52	2.79		16.19
February ...	1.82	.64	1.30	.83	.94	2.73	3.85	.69	1.49	2.65		7.59
March .....	.65	1.09	2.77	2.80	1.72	.97	4.16	1.60	.80	3.73		8.68
April .....	1.81	.90	.14	2.24	.70	.83	1.21	1.60	1.58	1.65		10.29
May .....	1.76	.90	2.63	2.07	2.02	1.65	2.68	2.02	3.01	1.21		6.04
June .....	2.31	.50	3.93	.47	1.38	1.30	1.66	1.15	.56	.72		8.92
July .....	2.55	.15	3.46	.91	1.98	4.93	1.18	1.31	1.91	2.69		4.09
August .....	3.55	2.29	5.06	2.68	1.37	2.30	2.55	5.12	2.01	2.18		7.09
September ..	.56	1.28	1.20	1.69	.78	.67	1.38	.58	4.21	1.33		11.80
October ...	2.18	1.61	2.58	3.09	2.49	1.18	2.19	1.97	1.06	2.02		8.00
November ..	3.59	2.36	1.98	1.78	2.45	2.38	3.57	.79	1.65	1.99		7.30
December ...	4.18	4.54	2.32	1.22	4.55	5.32	2.42	.82	3.13	3.38		8.00
TOTALS ...	26.95	17.30	31.00	23.36	21.55	26.91	27.35	20.43	22.93	26.90		97.61

1912 Plantation 12 ft high 240 ft N  
 1919 Engineer's House 27 ft high 57 yds N.N.E.  
 Engine House 60 " " 66 " W.N.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Cheskerhouse	2 1/2 m	NNW	Elkeley	2 m	E

RAINFALL at Elkeshley Pumping StationCounty of Nottinghamshire Observer C. Harpwin Esq. B.E.  
*Eng. Lincoln W.B.*River Basin Trent - Sept Bank Tribs 5 per A. Nicholson (Resident Eng.)Snowdon Rain Gauge, by N. & G.

Diameter ...	5"						5						
Height .....	10						10						
Altitude ...	118					120	120						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		
January ...	2.31	1.85	3.08	1.31	1.66	1.33	2.19	1.21	3.51	1.54	3.27	23.29	Totals.
February ...	2.22	.22	2.59	4.11	1.16	1.91	1.23	1.70	1.49	.50	.45	17.58	
March .....	2.26	.97	1.63	1.29	.94	.61	.50	2.41	2.73	.08	2.19	15.61	
April .....	4.50	1.10	2.65	2.00	1.55	1.85	1.91	1.95	.82	.86	2.57	21.76	
May .....	2.73	1.50	.62	3.41	2.31	4.16	1.81	1.04	1.59	.86	1.15	21.18	
June .....	2.34	.56	.88	.80	1.11	.08	2.81	3.23	1.79	.89	1.50	15.99	
July .....	4.14	.44	3.46	3.51	2.03	1.03	1.17	2.25	.60	1.38	5.00	25.01	
August .....	.66	4.08	6.74	2.42	2.86	1.58	2.55	3.66	2.45	1.94	2.54	31.51	
September...	1.67	.69	2.28	2.25	2.20	3.13	.94	4.27	.23	.83	4.06	22.55	
October .....	2.01	2.77	.85	1.64	4.15	2.36	1.85	1.85	5.31	3.04	1.63	27.49	
November...	1.26	1.64	.91	1.92	1.55	2.33	3.33	2.40	2.06	4.48	2.95	24.83	
December...	2.25	1.63	3.17	2.47	1.75	1.82	.81	2.50	1.77	4.14	2.16	24.50	
TOTALS...	28.35	17.45	28.86	27.13	23.27	22.19	21.10	28.47	24.35	20.66	29.47	271.30	271.30

1921 Engineer's House 27 ft high 57 yds N.N.E.

Engine " 60 " " 66 " W.N.W.

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
1920			Cheekhouse	2 1/2 mi	N.N.W.	Elkeshley	2 1/2 mi	E



RAINFALL at Elkesley Pumping StationCounty of NottinghamshireObserver C. Horbin, Esq., C.E.River Basin Trent - Left Bank 5Lincoln Waterworks (1931).Type of Gauge Standard No 193523.229P.B. 425Annual Average 23.2 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. S

Diameter	5											
Height	10											
Altitude	120											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.13	.99	1.77	1.77	1.37	3.71	3.56	1.28	4.36	(1.55)		Totals 22.49
February	2.14	.45	2.81	.61	2.31	2.72	2.63	1.01	1.25	2.10		18.03
March	.36	1.01	2.63	2.46	.43	1.18	1.91	.26	2.15	1.83		14.22
April	3.19	2.06	0.69	2.22	1.85	1.31	2.39	.05	1.73	2.10		17.59
May	2.38	6.34	2.04	.78	.36	.74	3.35	2.69	1.29	.89		26.86
June	3.16	.72	1.39	.91	2.45	5.01	1.07	1.66	2.31	1.42		20.10
July	3.36	3.75	0.84	1.23	.49	5.08	3.49	3.80	3.42	3.55		29.10
August	5.27	1.37	0.32	1.40	1.16	1.40	.28	1.91	3.19	.40		16.70
September	3.42	1.29	1.17	1.25	4.10	1.70	1.83	1.77	.85	.78		18.16
October	.52	2.81	3.77	.93	2.92	2.07	3.63	2.39	3.21	4.56		26.91
November	2.75	1.40	2.24	2.10	4.37	2.25	1.30	2.68	3.31	4.01		26.51
December	1.09	.63	0.33	3.95	2.65	1.51	3.46	3.57	1.64	2.02		20.85
TOTALS	29.77	22.82	20.00	19.61	24.46	28.78	28.90	23.07	28.81	25.21		251.43

1931. Engine house 27' high 57 yds. N.N.E. Engine house 60' high 66 yds. W.N.W.  
 1940 Jan est. fr snow.

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.			Chacewell LN.R.	2½m	N.N.W.	Elkesley	2½m	E.

Station No. 2632RAINFALL at Elkesley Pumping Station

41

County of Nottinghamshire Observer Lincoln WaterworksRiver Basin Trent Left Bank 5Type of Gauge StandardAnnual Average 23.2 in. based on 29 years obs. unweighted. Period of average Ref P.B. 425File No. 168598 22

Diameter	5"			12.4	27.0							
Height	1' 0"				1							
Altitude	120				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.80	2.18	3.14	2.58	1.78	1.67	2.19	4.10	1.10	.44		Total
February	2.34	.80	.62	2.37	1.41	2.63	(2.42)	1.24	.44	4.35		21.98
March	3.95	.583	.64	.41	.68	.95	4.51	.70	1.19	.98		18.62
April	1.21	.68	1.02	2.15	1.27	1.00	1.50	1.40	1.49	2.05		14.59
May	1.63	3.75	2.59	1.61	1.77	1.43	1.19	2.36	1.64	2.00		13.80
June	.22	1.41	1.34	2.16	2.29	2.62	2.88	2.10	.44	1.22		17.97
July	3.36	1.98	1.04	1.43	2.12	2.36	1.34	1.02	2.76	1.65		16.68
August	2.51	2.97	1.77	3.46	2.00	5.04	.22	3.10	1.89	2.56		19.12
September	.52	1.73	1.90	3.64	.82	2.72	1.18	1.90	1.46	1.73		25.52
October	2.98	1.87	1.22	2.57	2.83	1.04	.61	1.44	2.99	.80		17.60
November	3.20	1.65	1.86	3.83	.54	5.00	1.36	.97	3.18	3.96		18.35
December	.56	1.69	.69	1.46	1.43	3.20	1.85	2.72	1.91	.98		25.55
TOTALS	25.28	21.29	17.83	27.73	18.94	29.66	21.25	23.05	20.49	22.75		16.49

1941 Superintendents House 27 high 57 yds. N.E. Pumping Station 60 high 66 yds WNW  
 1942 March total omitted but otherwise confirmed.  
 1947 Feb. adj. for snow.

20004

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			Beckenhorse L.N.E.R.	2 1/2 m.	NNW	Elkesley	2 1/2 m.	E

BRITISH RAINFALL ORGANIZATION

Station No. 2632RAINFALL at ELKESLEY (PUMPING STATION)

51

County of NOTTINGHAM Observer LINCOLN WATERWORKSRiver Basin TRANT - L. BANK - SType of Gauge SNOWDONAnnual Average 23.2 in. based on 29 years obs. w<sub>t</sub>-weighted. Period of average 1881-1915 Ref. PA 435  
24.25 - - - 35 - - - 1916-1950 1916-1950 693/32 P

File No.

Diameter ...	5"			124	270						
Height ...	1' 0"				1						
Altitude ...	120'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.76	(1.72)	.50	.90	1.87	3.56	1.02	2.11	2.28	4.47	2019
February ...	2.98	.38	2.10	2.05	3.39	.82	1.86	3.41	.10	2.15	1924
March ...	2.71	2.05	.94	1.39	2.79	.53	1.63	1.31	1.16	1.43	1594
April ...	.92	.92	1.85	.39	.97	1.91	.23	.44	2.35	0.68	1066
May ...	3.22	1.69	1.65	2.95	2.88	.32	1.21	2.83	.72	1.09	1846
June ...	.99	1.82	1.57	2.21	2.25	3.76	1.50	5.21	.77	1.18	2126
July ...	1.04	.49	2.13	2.07	1.06	2.92	3.62	4.73	.92	3.31	2229
August ...	3.00	1.73	1.66	4.99	.32	6.59	3.68	2.37	.47	2.26	2707
September ...	1.40	2.16	.92	1.61	.57	1.68	2.99	1.83	Trace	3.82	1788
October ...	.90	2.63	1.65	3.53	1.29	1.12	.89	1.61	2.22	5.16	2100
November ...	5.72	1.52	1.14	4.43	1.69	.63	2.87	.61	2.50	2.64	2375
December ...	1.44	(1.36)	.64	1.99	2.02	1.91	2.33	2.97	2.94	2.20	1980
TOTALS ...	26.08	18.47	16.75	28.41	21.10	25.75	26.83	29.43	16.43	30.39	2375.4

1951 Hours 27' at 57 yds N.N.E. Pumping station 60' at 66 yds N.N.W.  
 1951 December possibly low.

1957 Adjusted to Sept. total made in May 1960, after printing.

40014

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference SK(43)664760

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Sheekhouse	25 m. N.N.W.	Elklesley	25 m. E.

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
	✓	✓	✓	✓	
	218	D25-30	D31-35	-	