

RAINFALL AT ^{Crowle}North Level Engine ⁸⁰Thorne Doncaster

Lat.

Lon.

County of Lincoln

Rain Gauge, by

Observer M^r J. Turner

Trent - 7.

A. L. Peace Esq. C.E.

Diameter		5										
Height		2.3										
Altitude												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January .....		.58	1.79	2.14	2.63	1.44	3.37	1.97	.66	1.50		
February		2.71	1.52	2.46	1.02	1.82	.43	.36	.80	1.01		
March		1.90	1.47	1.04	1.30	1.08	1.79	1.13	1.87	2.79		
April		1.08	2.81	2.20	.93	1.60	1.78	.98	1.16	1.77		
May .....		.75	1.68	1.88	.47	1.24	5.09	1.76	.52	2.67		
June		1.40	3.62	1.84	.57	2.71	.73	.10	2.25	.35		
July		1.69	3.12	2.78	2.42	.71	2.57	1.35	6.71	1.33		
August		4.77	2.12	.89	2.66	1.36	2.34	2.76	2.22	3.14		
September....		1.96	1.87	5.86	1.12	2.14	1.01	1.73	1.48	1.27		
October		1.94	4.51	3.17	.82	1.00	3.60	2.00	.74	3.27		
November....		2.09	3.05	2.48	.98	1.90	1.25	1.16	3.08	.44		
December		2.03	4.11	1.42	1.90	.84	4.00	.71	1.72	1.23		
TOTALS		22.90	31.67	28.24	16.82	20.84	27.96	16.01	23.21	20.77		

Belton Church 4 miles S.E.

Fence 6ft high 13ft W

1884 Gauge moved 12 ft E. Sept 22nd

Shed 7ft high 21ft S

Crosby.

RAINFALL AT *N Level Engine [Thorne Doncaster]*

Lat. _____ Lon. _____ County of *Lincoln*

Rain Gauge, by _____ Observer *A. L. Peace Esq. C.E.*
Trent, Lbank - 7. *Mr. Turner*

Diameter	5										
Height	2 3										
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.98	1.14	.91	1.37	1.36	3.32	.57	1.87	.46	1.46	1.1111
February ....	.85	.02	1.51	2.24	3.11	.20	.68	2.52	.56	1.28	1.297
March	1.62	1.53	.64	.27	.55	1.76	1.46	2.11	1.15	.83	1.192
April .....	.51	1.26	1.20	.26	1.48	1.34	.57	2.20	2.18	2.00	1.300
May	2.21	2.56	2.83	1.37	.83	.73	.63	.78	1.54	2.47	1.595
June	2.28	2.10	3.29	1.48	2.16	2.76	2.24	2.16	1.10	1.86	2.143
July	2.65	3.13	1.17	3.32	3.10	3.69	1.47	.43	.61	.98	2.055
August	2.65	2.51	2.19	1.73	2.07	1.98	2.22	2.92	3.60	.90	2.247
September	1.17	1.26	.90	.86	.49	1.01	4.44	2.33	.89	1.72	1.507
October .....	.81	2.90	4.40	1.26	2.95	2.61	4.06	1.27	2.53	2.91	2.570
November	3.31	2.30	1.20	2.06	1.22	1.99	1.28	2.52	1.68	.91	1.817
December ....	.61	2.60	.52	2.43	1.63	1.86	2.46	1.75	1.56	2.67	1.809
TOTALS	20.65	23.31	20.76	18.65	20.95	23.25	22.08	22.86	17.86	19.99	21.036

1890 *Pelton Chund 4 miles SE*

shed 7 ft high 21 ft S

1891

RAINFALL AT

Crook.
North Level Engine [Thorne Doncaster]

Lat.

Lon.

County of

Lincoln North

Copper

Rain Gauge, by *Hutchinson & Hill* of *Sheff.*

Observer

Mr. Turner

my Boxton

Trent - 7.

Diameter ..	5										
Height	2.3										
Altitude ..	...									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.53	.83	.84	1.53	1.79	.56	2.20	.65	.96		
February ..	2.76	1.21	1.37	.87	2.51	.58	1.99	1.17	1.56		
March ....	.56	1.19	1.20	2.12	1.40	2.07	1.23	1.16	2.47		
April	1.19	1.31	1.87	1.26	1.07	2.07	.70	1.54	2.48		
May .....	.96	.62	2.34	2.88	2.10	.41	1.32	2.80	2.16		
June	1.97	1.04	2.01	1.58	.57	1.53	1.45	3.08	1.14		
July	1.64	2.99	1.62	2.54	1.67	1.17	.54	1.82	3.60		
August	3.86	1.81	2.12	2.86	3.66	2.70	1.20	1.72	1.56		
September ..	.80	.88	.55	3.28	1.40	1.41	.78	.62	1.37		
October	2.12	1.73	2.32	5.62	.38	1.41	4.58	4.33	.50		
November ..	2.23	2.65	1.28	1.11	.93	2.39	2.50	2.03	.76		
December ..	2.63	4.46	1.60	.66	1.49	.32	2.08	2.38	1.13		
TOTALS ..	23.25	20.72	19.12	26.31	18.97	16.62	20.57	23.30	19.69		

1900 Helton Church 4 1/2 miles S.E.

Shed 7 ft high 2 1/2 ft S

1903 Gouda Station 2 1/2 miles E

RAINFALL at Crowle N Level EngineCounty of LincolnshireObserver Mr H.E. DrippadRiver Basin Trent - Left Bank Tributaries 7

Rain Gauge, by _____

Diameter ...	5										
Height	2.6										
Altitude ...	10?										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.39	1.05	3.18	2.62	1.16	1.92	.34	2.70	1.31	3.12	747
February ...	1.41	.88	1.05	.58	.47	2.09	3.04	.69	1.41	2.07	721
March .....	.68	1.32	2.15	1.61	1.75	.92	3.59	1.53	.88	2.83	883
April	1.79	1.17	.10	1.71	.45	.48	.94	1.50	1.33	1.70	547
May	1.85	.64	2.54	1.50	1.40	1.26	2.58	1.52	2.04	.75	689
June	2.33	3.84	4.00	1.26	1.51	.41	1.43	1.24	.49	1.02	418
July	3.89	.38	4.15	.23	4.29	4.81	1.29	.90	3.73	2.37	829
August	2.43	1.94	3.90	.75	2.76	2.91	2.04	4.80	2.78	2.36	1198
September ..	.20	2.11	1.42	1.74	.76	1.01	1.24	.79	3.92	1.41	736
October ...	2.81	1.64	2.52	1.73	1.84	.96	1.68	3.25	1.09	2.85	807
November ..	2.80	2.19	2.26	1.68	1.86	1.97	2.34	1.27	1.52	1.71	684
December ...	2.46	3.40	1.67	1.26	3.91	4.76	2.04	1.05	3.27	3.23	959
TOTALS ...	24.04	20.56	28.94	16.67	22.16	23.59	22.55	21.24	23.77	25.42	9298
	7							2		d imp	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Crowle</u>	<u>2 1/2</u>	<u>E</u>	<u>Belton</u>	<u>4 1/2</u>	<u>SE</u>

RAINFALL at Crowle R. Level Pumping StationCounty of LincolnshireObserver Mr. H. E. TraffordRiver Basin Great-Ouse Bank Tribs 7

Rain Gauge, by _____

Diameter ...	5						5					
Height	2.6						2.6		2.0			
Altitude ...	13						11					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN.	
January ...	2.02	1.44	2.52	1.59	1.51	1.47	2.19	1.62	1.18	1.95	2.55	2304
February ...	1.95	.20	2.61	3.77	.82	2.49	1.35	1.45	1.54	.50	.29	1700
March	2.11	.67	1.52	1.49	.89	.77	.54	1.31	2.10	.15	2.08	1363
April	3.34	.99	1.84	1.09	1.15	2.35	1.47	1.38	.65	.68	1.84	1678
May	1.93	1.55	.88	3.67	2.39	4.21	2.84	.98	1.84	.95	1.46	2270
June	1.29	.30	1.07	.96	2.02	.00	4.08	2.79	3.04	.85	1.54	1794
July	3.80	.51	3.86	2.61	2.41	1.35	1.28	2.42	.61	1.45	5.69	2590
August .....	.89	3.39	2.77	2.96	2.91	2.77	3.01	3.87	2.86	1.83	2.21	2947
September...	1.23	.61	2.01	2.82	2.24	2.53	.98	4.09	.26	1.02	4.09	2188
October	1.82	1.40	.99	.92	3.29	2.37	2.50	1.38	4.25	2.92	2.13	2397
November...	1.00	1.89	1.02	1.67	1.55	1.61	2.49	2.30	2.55	4.09	3.22	2339
December...	2.18	1.83	2.35	2.49	2.05	1.86	.55	2.62	1.67	3.69	1.62	2291
TOTALS...	23.56	14.78	23.44	26.04	23.25	23.78	23.28	26.21	25.58	20.08	28.72	2587.0

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	Parish Church.	Distance from gauge	Direction
			Crowle	2 1/2 mi	E	Belton	4 1/2 mi	S E.

RAINFALL at Crowle (N. Level Pump Station)County of LincolnshireObserver Mr. H. S. TriffordRiver Basin Trent-Left Bank. 7E. H. Sumner Esq. C.E. (from 1936)Type of Gauge HowardW. H. Haile Esq. C.E. (1940)

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

726488/38

Diameter	5											
Height	20											
Altitude	10					8	8'			10'		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals	
January	1.70	.93	1.77	1.49	1.63	2.84	3.13	1.55	3.90	2.07	2101	
February	2.24	.54	2.83	.62	2.09	2.27	2.32	1.11	1.08	1.98	1708	
March	.18	1.81	2.46	1.97	.68	.99	2.21	.37	1.87	1.75	1379	
April	3.05	1.82	.79	2.39	1.97	1.26	3.26	.15	1.16	1.56	1741	
May	2.19	6.22	2.09	.77	.40	1.40	3.46	3.21	1.29	0.45	2148	
June	4.76	.65	2.74	1.99	2.25	3.22	3.08	2.18	1.04	1.08	2359	
July	3.57	2.76	1.11	1.74	.37	4.61	2.56	2.95	2.94	5.39	2800	
August	3.93	2.12	.43	1.42	1.92	1.66	.21	2.70	3.19	0.66	1824	
September	2.68	1.49	2.18	1.43	3.48	1.81	.67	1.93	.98	0.80	1747	
October	.71	2.78	5.24	1.26	2.37	1.93	2.50	2.69	2.61	3.20	2518	
November	2.95	1.16	1.71	2.31	3.60	2.39	1.56	1.97	3.76	4.28	3569	
December	.85	.78	.36	3.40	2.37	1.05	4.13	3.47	2.12	2.15	2068	
TOTALS	28.81	22.56	23.71	20.78	23.13	25.43	29.11	24.28	26.44	25.37	24962	
	d	d	d	d	d	d	d	d	d	d	d	

1936 House Buildings 25' high, 80'E

15.40. Gauge taken over by W.H. Haile Esq. 9 River Trent Catchment Bd.

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
1937			Crowle	2 1/4 m	NE	Crowle	2 1/4 m	NNE

Station No. 2587

RAINFALL at Crowle (77 Level Pumping Station)

41

County of Lincolnshire

Observer W. H. Haile Esq. B.E.

River Basin Trent - Left Bank - 7

Type of Gauge Howard

Annual Average 22.0 in. based on years obs. un-weighted. Period of average Ref.

File No. 726488/38

Diameter	5"			128	787							
Height	2'0"				1							
Altitude	10'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	2.65	2.63	3.14	2.05	2.38	1.96	2.05	3.93	1.69	1.92	2240	
February	2.81	1.16	.61	2.00	1.75	2.40	1.57	.91	1.80	3.72	1773	
March	2.82	1.49	.50	.31	.42	1.63	4.27	.26	1.41	1.03	1414	
April	1.02	.64	.98	2.58	1.74	(.86)	1.31	1.08	1.69	3.44	1528	
May	1.24	2.50	2.00	2.14	1.62	(1.50)	1.52	1.34	1.66	2.00	1752	
June	.34	1.58	1.48	1.78	2.62	(1.90)	1.38	2.82	.28	1.59	1577	
July	2.81	1.86	2.04	1.90	1.47	(1.90)	1.49	1.07	2.63	2.09	1926	
August	1.90	2.91	2.51	3.48	2.57	(5.30)	.30	3.21	1.82	2.33	2633	
September	.40	1.52	2.66	4.70	1.23	(3.30)	1.10	1.17	.58	2.87	1953	
October	2.49	1.73	1.60	2.37	2.82	(.90)	.89	1.90	2.70	.86	1806	
November	2.89	1.16	1.67	3.78	.39	4.12	1.10	.91	2.79	3.69	2250	
December	.51	1.50	.90	1.54	1.29	2.64	2.27	2.27	1.61	1.48	1601	
TOTALS	21.88 d	20.68 d	20.09 d	28.63 d	20.10 d	20.35 m. D.P.	19.25 d	20.81 d	18.66 d	26.02 d	22453	

1946 Record incomplete owing to death of P.S. attendant.

* Used in general tables. Origin unknown.

↑

very wet & cold 2506/5

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. 2587**RAINFALL** at CROWLE (N. LEVEL PUMPING STATION) 51County of LINCOLNSHIRE Observer W. H. HAILE, Esq., C.E.River Basin TRENT L. BANK - 7M. NIXON, Esq., AG. 1952
C.E. (82196A)Type of Gauge HOWARD M.O. (N. 5)

Trent River Board

Annual Average 22.0 in. based on 35 years obs. un-weighted. Period of average 1916-1950 Ref. 21279153
23.60 " " 35 " " 1916-1950 File No. 226488/38 P

Diameter ...	5"			128	787		6"				
Height ...	2'0"				1		1'0"				
Altitude ...	10'				51		10'				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means— Total
January ...	1.58	1.44	.52	1.18	1.43	3.36	1.08	1.93	1.84	1.22	18.58
February ...	2.57	.44	1.90	1.56	1.70	.99	1.46	3.15	.26	1.45	15.48
March ...	2.45	2.22	.55	1.33	2.14	.80	1.08	1.51	.65	1.14	13.87
April ...	.79	.73	1.21	.25	.94	1.79	.26	.30	2.01	0.74	9.02
May ...	3.49	1.07	1.51	2.79	2.25	.50	.88	1.64	.34	0.65	15.12
June ...	.92	2.38	1.19	1.53	2.73	3.61	2.15	3.66	1.27	0.48	19.92
July ...	1.46	1.39	1.90	1.93	.82	3.21	3.51	4.69	1.24	3.30	23.45
August ...	4.88	.67	2.27	4.87	.09	14.68	3.25	1.84	.44	2.26	25.25
September ...	1.29	3.56	1.79	1.66	.73	1.67	3.46	1.36	.02	1.96	17.50
October ...	1.57	1.98	1.74	2.87	1.53	.96	1.06	1.43	1.72	4.76	19.62
November ...	4.89	1.97	1.21	3.73	1.31	.64	2.12	.63	2.23	3.46	22.19
December ...	1.36	1.48	1.14	2.09	2.12	1.60	1.82	2.70	2.35	2.12	18.78
TOTALS ...	27.25	19.33	16.93	25.79	17.79	23.81	22.13	24.84	14.37	26.54	218.78
	d	d	d	D	d	d	d	d	d	d	d

1957. Height of gauge above ground 1'0" from 8" O.C. Partly home-made gauge, 7/8" reduced to 8" octahed by MKS in slightly different site. Old site too near P. stews under overhead cables.

Just. 1959. BOK. Electric pole. 80' 10" WNW otherwise satisfactory exposure. Old gauge a very poor Howard with home-made shield placed on top of south of bar-line and in a small enclosure. Similar exposure except under wires.

* Housed in G.T. Gaia unknown

Position of Station on Ordnance One-Inch map: No. of Map 103 National Grid Reference SE(44) 749098

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

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ 219.17, d.19.	✓ ✓	✓ ✓	41-45, 47-50 valued 47	