

146449

10 2542

RAINFALL at Cranwell

County of Lincolnshire

Dept. R.N.V.R.

River Basin: Witham & C 3

Observer: Norman F. Silverster

Rain Gauge, by Perkins Sons & Co

Air Ministry

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height										8	
Altitude ...										9	10
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	237	
January ...						(.80)	200	1.02	1.33	3.25	738
February ...						(470)	(90)	1.78	1.34	2.57	951
March						(420)	(170)	1.12	.75	2.73	938
April						(150)	(110)	1.93	1.18	1.50	528
May						220	(170)	1.75	3.64	.85	839
June						(120)	(110)	.99	.57	1.46	433
July						(150)	(110)	.69	2.23	2.23	706
August						(180)	(500)	3.89	1.54	2.90	1124
September...						(120)	(110)	1.01	3.42	1.95	767
October ...						(180)	280	2.80	1.55	1.76	791
November..						(320)	1.12	1.12	1.75	1.62	769
December...						(270)	.53	.53	2.87	2.64	974
TOTALS ...						(2680)	2015	1753	22.17	25.46	9458

Weather Hut 12 ft. 32. ft. W. N.
Stevenson Screen 5. 23. S

Elevation 22 ft.

Envir. Sleafordshire

90 ft.

MET.O.B RAINMASTER
RETROSPECTIVE SITE REVIEW

146449

NGR: SK(43)

ALT: 240 ft. 73 metres. Date of review 7/6/79

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
9/7	53° 1' 56" 0.30 48		Caythorpe	3 1/4 mi	W. S.	Rauncey	2 1/2 mi.	S. E.
1919			Cranwell Camp	1/2 mi	N.			

RAINFALL at Granwell

County of Lincolnshire

Observer Air Ministry (Met. Office)

River Basin Witham & C. 3

Met. Office Rain Gauge, by H. S. G. -
m.s.134.

8 Hyetograph.

Diameter ...	8												
Height	1	0											
Altitude ...	237											241	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		MEAN.	
January ...	1.88	2.01	2.09	1.59	1.76	1.52	2.26	1.46	2.99	1.20	2.57	21.33	
February ...	1.32	.37	2.34	3.49	.68	1.88	1.06	1.51	1.14	.54	.49	14.88	
March	2.32	.79	1.40	1.60	.52	.96	.51	1.65	1.82	.34	2.18	14.12	
April.....	4.35	.98	2.54	.80	1.30	1.26	1.83	1.59	.63	1.03	3.16	19.47	
May	2.62	1.66	.68	2.34	2.64	2.92	2.80	.89	1.41	1.00	1.78	20.74	
June	1.98	.83	.73	.77	1.87	.13	2.39	2.93	2.13	1.15	.91	15.82	
July	2.03	.40	4.87	3.77	2.04	.91	1.58	1.87	1.24	1.64	3.58	23.96	
August	1.40	3.71	3.17	1.88	2.37	1.88	2.35	3.07	3.28	1.68	2.19	26.48	
September...	1.42	1.17	2.12	1.98	2.13	3.10	.78	4.52	.49	1.07	4.37	23.17	
October.....	1.36	2.49	.97	2.09	4.47	2.75	1.85	1.94	3.85	1.95	1.59	25.31	
November...	.85	1.32	1.14	2.26	1.21	2.03	2.36	2.96	2.11	4.38	3.09	23.71	
December...	2.13	1.36	3.30	2.44	2.47	1.76	.84	2.94	1.83	3.64	1.83	24.54	
TOTALS...	23.66	17.09	25.35	25.01	23.46	20.60	20.61	27.33	22.95	19.73	27.74	253.53	

1920. Stevenson Screen 5 ft high 22 1/2 ft S by W

1922. Hut 15 ft high 20 ft WNW.

MET. OFFICE RAINMASTER
RETROSPECTIVE SITE REVIEW 146449NGR: 28 SK(43) 994'493⁵ = 994493
Alt: 237 ft m 72 metres. Date of review: 7/6/79Position 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
1920	53° 1' 56" N	0° 30' 45" W	Sleaford	6 1/2 mi	S E	Pauncleby	2 1/2 mi S E
1929.			Granwell Light Rly	1 mile	E	Granwell	2 miles E

RAINFALL at Cranwell (Aerodrome) March

County of Lincolnshire

Observer The Meteorological Office

River Basin with area c 3

Office in Charge

Type of Gauge M.O. (or British) (A)

Meteorological Office

Annual Average 23.2 in. based on 6 years obs. un-weighted. Period of average 1881-1915. Ref. A. W. Sheer

Diameter	8	146449					146451				
Height	10	NGR SK43 994' 493 ⁵					NGR TF53 004' 493 ²				
Altitude	240	ALT 240 FT = 73 M					ALT 203 FT = 62 M				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	2.17	.70	.46	1.64	2.21	3.30	3.02	2.12	3.75	1.95	2232
February	2.72	.60	1.72	.48	1.89	2.19	2.59	1.44	.67	2.16	1666
March	3.30	1.49	2.61	2.05	.45	1.17	2.14	.27	1.95	1.69	1412
April	2.93	1.86	1.44	2.02	2.67	1.71	2.70	.16	1.85	1.12	1846
May	2.70	4.62	1.28	.50	.41	.73	3.64	4.13	1.01	1.31	2033
June	2.85	.41	2.06	.63	1.76	3.20	1.19	1.00	1.88	.81	1578
July	3.73	9.89	1.69	2.94	.67	4.63	2.89	2.83	2.46	3.04	3471
August	3.45	2.01	.48	2.13	1.31	.80	.43	2.20	3.03	.42	1626
September	2.58	2.01	2.07	1.06	4.95	2.30	.75	2.24	.67	.49	1912
October	1.54	3.13	2.59	.98	2.54	1.86	2.21	1.91	3.52	3.26	2234
November	2.24	1.66	2.16	1.73	4.88	2.19	1.20	1.83	3.51	4.63	2592
December	.97	.55	.03	3.37	2.25	1.52	1.66	4.13	1.64	1.79	1825
TOTALS	27.18	28.83	19.91	19.53	25.79	25.60	24.42	26.26	25.94	22.67	24413

1934 Office buildings 16' high 30' N.W. Since 6' high 15'E. Screen 6' high 18' N.
 1937 Rain record at 76-186 moved to present site 912-36 at 1200h.
 12.9.36

MET.O.B RAINMASTER
RETROSPECTIVE SITE REVIEW

1979

NGR:

ALT:

ft =

metres. Date of review:

7/6/79

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
8-2-37	53° 15'	0° 30' 14"	Caythorpe Sleaford	3 m. 6 mi	W.S.W.	Cranwell	2 m E.

146451

2542

RAINFALL at

Cronwell, ~~Yarmouth~~

Airfield Station No. 2452

1580

m.s.n.m.

m.w.r.

41

County of

Lincolnshire

Observer

Meteorological Office

River Basin

Witham, C. S.

Type of Gauge

m. o. (*A)

Annual Average 22.2 in. based on 6 years obs. un-weighted. Period of average

1881-1915

Ref A. 10 Sheet

File No.

Diameter	8"			146	451			8"		
Height	1' 0"				3					
Altitude	203'				41					204'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	2.68	2.52	4.21	2.34	1.74	1.40	1.37	3.38	1.13	.80
February	2.66	1.41	.31	2.14	1.83	2.17	1.61	.93	.56	3.46
March	3.45	1.13	.42	.22	.70	1.08	3.99	.41	1.00	.57
April	1.16	.68	.85	2.18	1.30	1.22	1.77	2.07	1.83	2.14
May	2.20	2.96	2.47	1.20	2.02	1.35	.55	2.11	2.37	2.77
June	.35	1.69	2.26	1.38	2.34	3.98	2.33	3.66	.71	1.28
July	4.37	2.10	1.40	1.87	2.44	2.02	2.25	.80	2.59	2.46
August	3.65	2.54	1.63	3.63	2.31	3.39	.13	2.67	1.60	1.93
September	.59	1.45	2.38	2.69	1.56	3.36	1.04	2.37	1.01	3.34
October	2.76	2.17	1.51	2.41	2.97	1.97	.27	2.24	3.58	.66
November	3.02	2.39	1.61	3.50	.44	3.89	.98	1.00	2.46	4.12
December	.51	1.34	.73	1.16	1.61	2.60	1.80	3.00	1.27	1.39
TOTALS	27.40	22.28	19.90	24.72	21.26	28.43	18.09	24.64	20.11	23.92
	0	0	D	D	D	D	D	D	D	D

8" gauge still in use 2.11.48 C.O.S. 5/4/55 50 Yrs N.

MET.O.B. RAINFALL
RETROSPECTIVE SITE REVIEW

146451

206.8.3

NGR: TF(53) 004⁴493² → 004⁴493⁷ w.e. 5.1.1950

ALT: 203 ft = 62 metres. Date of review: 7/6/79

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

146451

Station No. 2342

146451

M.W.C.

51

RAINFALL at CRAVENWELL

AIRFIELD (+A)

County of LINCOLNSHIRE

Observer METEOROLOGICAL OFFICE

River Basin WITHEM & C - 3

Type of Gauge M.O. (+A)

Annual Average 23.2 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.
23.51 " 35 " 1916-1950 1916-1950 P

File No.

Diameter	8"	146	451	8"							
Height	1' 0"		3	11 1/2"							
Altitude	204		51	245'							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.64	1.25	.76	1.00	1.86	4.22	1.05	2.14	2.46	4.42	2.18
February	3.14	.25	1.19	2.50	2.20	6.9	1.85	2.69	.37	1.93	1.69
March	3.18	2.42	.81	1.35	2.22	.85	1.61	1.50	1.77	1.39	1.72
April	2.09	.84	1.96	.34	1.01	1.43	.20	.46	2.30	0.61	1.13
May	3.41	1.97	2.64	2.83	3.13	.67	1.16	2.14	.78	0.88	1.95
June	1.08	3.42	2.21	2.61	3.15	3.85	2.08	4.33	.51	0.55	2.38
July	.99	.22	1.93	1.65	.59	2.66	2.72	4.56	1.55	3.24	2.01
August	4.20	1.64	1.33	2.92	.52	4.92	2.05	2.11	1.33	3.89	2.59
September	.95	1.96	.83	1.71	1.61	1.62	3.90	1.80	.08	2.89	1.74
October	1.53	2.89	2.04	2.41	1.52	1.14	.89	1.39	1.39	4.57	1.93
November	4.63	2.10	1.42	1.12	1.08	.82	1.84	1.09	1.95	2.87	2.19
December	1.42	1.48	.72	2.51	1.47	1.35	1.72	2.65	2.71	3.60	1.96
TOTALS	29.26	19.94	17.84	26.95	20.42	24.12	21.13	26.86	17.20	30.84	23.56

Sole minnow 7.455 120 ft. N.E.

MET. O.B. RAINFALL
RETROGRADE SITE REVIEW

146451

NBR: TF(53) 004⁴493² → 71655 004⁴493⁷

ACT: 205 ft = 62 metres. Date of review 7/6/79

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TF(53) 003.494

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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
		c1917	✓	✓	✓	✓