

146449

10 2592

RAINFALL at Cranswell

County of Lincolnshire Leith R.V.R.
 Observer Norman F. Silvester
 River Basin Witham + C 3 Air Ministry
 Snowdon Rain Gauge, by perkin Soudo

Diameter ...								8			
Height								9		1 0	
Altitude ...								237			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						(.80)	2.00	1.92	1.33	3.25	738
February ...						(.70)	.90	.78	1.34	2.57	951
March						(.20)	(.170)	1.12	.75	2.73	938
April						(.150)	(.110)	.93	1.18	1.50	528
May						2.20	(.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)	2.80	2.80	1.55	1.76	791
November ..						(.320)	1.12	1.12	1.75	1.62	769
December...						(.270)	.53	.53	2.57	2.64	874
TOTALS ...						(2680)	201.5	17.53	22.17	25.46	9458

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

End of Sheffield Stn.

9458

MET. 0.8 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.
917 1919	53° 1' 56"	0° 38' 48"	Caithorpe Cranswell Camp	3 1/4 m 1 1/2 m	W. S. N.	Rauceby	2 1/2 m.	S. E.

RAINFALL at GranwellCounty of LincolnshireObserver Air Ministry (Met. Office)River Basin Witham & C 3Met. Office Rain Gauge, by H. O. G.
m. 134.

5 Hyetograph.

Diameter ...	8												
Height	1	0											
Altitude ...	237									241			
Year	1980	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Mean.	
January ...	1.88	2.01	2.09	1.59	1.76	1.52	2.26	1.46	2.99	1.20	2.57	2.13	3.3
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	9
August	1.40	3.71	3.17	1.88	2.37	1.38	2.35	3.07	3.28	1.68	2.19	16	48
September...	1.42	1.17	2.12	1.98	2.13	3.10	.78	4.52	.49	1.09	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 22/2 ft S by W

1922. Hut 15 ft high 20 ft WNW.

MET. O. S. RAINFALL
RETROSPECTIVE SITE REVIEW.

146449

NGR: ~~28~~ SK(43) 994'493⁵ = 994493

Alt: 237 ft or 72 metres. Date of review: 7/6/79

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
1920	53° 1' 56"	0° 30' 41"	Sheepford	6 1/2 miles	SE	Praunceby	2 1/2 miles	SE
1929			Granwell Light Railway	1 mile	E	Granwell	2 miles	E

RAINFALL at Cranwell (Aerodrome) M.W.H.County of LincolnshireObserver The Meteorological OfficeRiver Basin Witham &c 3

Office in Charge

Type of Gauge M.O. (2 bottle) (+A)

Meteorological Office

Annual Average 23.2 in. based on 56 years obs. un-weighted. Period of average 1881-1936 Ref. A. W. Sheel

Diameter	8		146449					146451				
Height	10		NGE SK(43) 714' 493 ⁵					NGE TF(53) 004' 493 ²				
			At 240 ft = 73.11					At 203 ft = 62.17				
Altitude	240		236				203			203		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.17	.70	1.46	1.64	2.21	3.30	2.02	2.12	3.75	1.95	2.232	
February	2.72	.60	1.72	.48	1.89	2.19	2.59	1.44	.67	2.16	1.626	
March	.30	1.49	2.61	2.05	.45	1.17	2.14	.27	1.95	1.69	1.412	
April	2.93	1.86	1.44	2.02	2.67	1.71	2.70	.16	1.85	1.12	1.846	
May	2.70	4.62	1.28	.50	.41	.73	3.64	4.13	1.01	1.31	2.033	
June	2.85	.41	2.05	.63	1.76	3.20	1.19	1.00	1.88	.81	1.578	
July	3.73	4.89	1.69	2.94	.67	4.63	2.89	2.83	2.46	3.04	3.471	
August	3.45	2.01	.48	2.13	1.31	.80	.43	2.20	3.03	.42	1.626	
September	2.58	2.01	2.07	1.06	4.95	2.30	.75	2.24	.67	.49	1.912	
October	.54	3.13	2.59	.98	2.54	1.86	2.21	1.91	3.52	3.26	2.234	
November	2.24	1.56	2.15	1.73	4.88	2.19	1.20	1.83	3.51	4.63	2.592	
December	.97	.55	.037	3.37	2.25	1.52	1.66	4.13	1.64	1.79	1.825	
TOTALS	27.18	28.83	19.91	19.53	25.74	25.60	24.42	24.26	25.94	22.67	24.413	
	D.	2	2	D.	2	D.	2	2	D.	2	2	

1934 Office buildings 16' high 30' N.W. Fence 6' high 15' E. Screen 6' high 18' N.
 1937 Rain measured at 7h = 18h moved to present site 9.12.36 at 1200h.
 12.9.36

MET.O.B. RAINMASTER
 RETROSPECTIVE SITE REVIEW

NGR:

ALT:

ft =

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	Direction from gauge
8.2.37	53°15"	0°30'14.5	Baythorpe Sheffield	3m. 6 mi	W.S.W.	Cranwell	2m	E.

146451

RAINFALL at

Cranwell (Airfield) 1950 m.w.R.

41

County of Lincolnshire

Observer

Meteorological Office.

River Basin Witham & C. 3

Type of Gauge m.O. (*A)

Annual Average 22.2 in. based on 6 years obs. un-weighted. Period of average 1881-1945 Ref Q. 169 Sheet

File No.

Diameter	8"			146	451			8"			
Height	1' 0"				3						
Altitude	203'				41				206'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	2.68	2.52	4.27	2.34	1.74	1.40	1.37	3.38	1.13	.80	2163
February	2.66	1.41	.37	2.14	1.83	2.17	1.61	.93	.56	3.46	1714
March	3.45	1.13	.42	.22	.70	1.08	3.99	.41	1.00	.57	1297
April	1.16	.68	.85	2.18	1.30	1.22	1.77	2.07	1.83	2.14	1520
May	2.20	2.96	2.47	1.20	2.02	1.35	.55	2.11	2.37	2.77	2000
June	.35	1.69	2.26	1.38	2.34	3.98	2.33	3.66	.71	1.28	1988
July	4.37	2.10	1.40	1.87	2.44	2.02	2.25	.80	2.59	2.46	2230
August	3.65	2.54	1.63	3.63	2.31	3.39	.13	2.67	1.60	.93	2248
September	.59	1.45	2.38	2.69	1.56	3.36	1.04	2.37	1.01	3.34	1979
October	2.76	2.17	1.51	2.41	2.97	1.97	.27	2.24	3.58	.66	2054
November	3.02	2.39	1.61	3.50	.44	3.89	.98	1.00	2.46	4.12	2341
December	.51	1.34	.73	1.16	1.61	2.60	1.80	3.00	1.27	1.39	1541
TOTALS	27.40 D	22.28 D	19.90 D	24.72 D	21.26 D	28.43 D	18.09 D	24.64 D	20.11 D	23.92 D	23075

8" gauge still in use 2.11.48

C.O.S 5/4/55 5072 N.

MET.O.S. BARNHARTON
RETROSPECTIVE GATE REVIEWMET. O.S.
STATION

146451

206.83

NGR: TF(53) 004 493² → 004 493⁷ waf 5.A.1955

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	Direction from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 2342

M.W.S.

RAINFALL at CRANWELL AIRFIELD

(14)

146451

51

County of LINCOLNSHIREObserver METEOROLOGICAL OFFICERiver Basin WITAM & C - 3Type of Gauge M.O. (14)Annual Average 23.2 in. based on 6 years obs. un-weighted.Period of average 1881-1915 Ref. A.W.S.23.51 " " 35 " " 1916-19501916-1950

File No.

Diameter ...	8"		146 451	8"								
Height ...	1'0"			3	1'1"							
Altitude ...	204'			51	205'							
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	21.80
February ...	3.14	.25	1.19	2.50	2.20	.69	1.85	2.69	.37	1.93	1.69	16.81
March ...	3.18	2.42	.81	1.35	2.22	.85	1.61	1.50	1.77	1.39	1.72	17.16
April ...	2.09	.84	1.96	.34	1.01	1.43	.20	.46	2.30	0.61	1.13	11.30
May ...	3.41	1.97	2.64	2.83	3.13	.57	1.16	2.14	.78	0.88	1.95	19.51
June ...	1.08	3.42	2.21	2.61	3.15	3.85	2.08	4.33	.51	0.55	2.38	23.79
July ...	.99	.22	1.93	1.65	.59	2.66	2.72	4.56	1.55	3.24	2.01	26.1
August ...	4.20	1.64	1.33	3.92	.52	4.92	2.05	2.11	1.33	3.89	2.59	25.91
September ...	.95	1.96	.83	1.71	1.61	1.62	3.90	1.80	.08	2.89	1.74	17.35
October ...	1.53	2.39	2.04	2.41	1.52	1.14	.89	1.39	1.39	4.57	1.93	19.27
November ...	4.63	2.10	1.42	4.12	1.08	.82	1.84	1.09	1.95	2.87	2.19	21.92
December ...	1.42	1.48	.72	2.51	1.47	1.35	1.72	2.65	2.71	3.60	1.96	19.63
TOTALS ...	29.26	19.94	17.84	26.95	20.42	24.12	21.13	26.86	17.20	30.84	23.43	220.76
	D	D	D	D	D	D	D	D	D	D	D	D

Site moved 7.4.55. 120 ft. N.E.

MET. OBS. RAINMASTER
RETROSPECTIVE SITE REVIEW

146451

NGR: TF(53) 004⁴ 4932 → 74/55 004⁴ 4937

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) 003494

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
	c1917 317, 19.	✓ ✓	✓ ✓	✓ ✓	