

RAINFALL at Walton-on-NazeCounty of Essex Observer L. R. LansdowneRiver Basin Colne &c 5 a G. Bloomfield EsqM.O. No. 45 Rain Gauge, by Pastoullier & Rappin

Diameter ...				8							
Height			10								
Altitude ...			69		70						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				2.49	1.04	2.84	1.24	1.65			
February ...				.56	1.42	1.68	2.53	.43			
March				2.06	4.07	1.20	3.55	2.05			
April				1.74	.88	1.09	1.58	1.18			
May				1.91	1.18	2.31	1.61	.87			
June .....				.62	1.01	.70	2.12	.87			
July				2.01	1.88	3.74	1.05	2.40			
August			4.81	1.03	.62	3.28	2.34	3.82			
September ..			2.36	1.59	.87	1.88	.59				
October ...			1.55	2.37	2.52	1.35	2.10				
November ...			1.17	2.61	2.04	1.96	2.96				
December ...			1.82	.88	4.92	4.25	1.73				
TOTALS ...				19.57	22.45	26.28	23.40	....		

1913 House 30-35 ft high 150 + 200 yds NNE + 45W
 1914 Edge of cliff away from buildings
 1915 July 1 moved 8 ft N.E.

Date.	Lat. N.	Long. E.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51° 50' 35"	1.16.12	Walton-on-Naze	400 200 yds	NE SSE	all Saints	550 440 yds	NNE SE

RAINFALL at Wotton-on-AgeCounty of EssexObserver The Town Clerk
per E. ScogginsRiver Basin 5. Colne & C.

(1925) A.A.O. Rain Gauge, by

Diameter ...	5										
Height	1	0									
Altitude ...	69					77					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January ...		1.46	2.57	1.16	1.98	1.01	1.81	1.14	3.09	1.24	1.83
February ...		.39	1.45	1.90	.87	1.17	1.99	2.65	1.06	.52	1.19
March		1.00	.92	.93	.70	1.00	.04	1.90	2.20	.12	1.64
April .....		.98	1.81	.62	2.49	1.71	2.27	1.83	1.26	1.65	1.43
May		1.79	.41	1.32	3.03	1.50	.91	.68	1.17	.89	1.97
June .....		.17	2.01	.78	1.22	.38	2.35	3.90	2.28	.99	.89
July .....		.33	2.01	1.05	3.67	1.24	1.57	4.03	1.94	4.61	3.08
August .....		.48	.96	1.02	2.07	1.97	.74	3.47	1.97	1.38	2.30
September...		1.22	3.10	1.30	2.06	2.31	.61	3.15	.50	.39	3.80
October .....		.61	1.21	4.04	4.12	1.96	2.33	1.56	1.96	2.50	1.00
November...		1.58	1.13	1.99	2.23	1.87	3.17	2.38	2.24	4.41	3.69
December...		.97	1.25	1.83	2.17	2.12	.67	3.61	3.65	3.41	1.88
TOTALS...		10.98	18.83	17.94	26.61	18.24	18.66	30.30	23.32	22.11	24.70
		D	D	D	D	D	D	D	D	D	D

1925. Trinity House Tower, 76 ft. high, 80 yds N.W.

1926. Gauge moved Sept. 18th 1 1/4 mi. S.W.Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1921	51° 5' 12"	1° 16' 30"		1 mi	S.W.		1 mi	S.W.
1926			Wotton on Age	300 yds	S.E.	Wotton on Age	300 yds	N.E.

RAINFALL at Walton-on-Naze

M.W.R.

County of EssexObserver The Landy ClerkRiver Basin Colne &c - 5The Clerk to the L.D.C.
Walsingham Division (1927)

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.
" 20.2 in. computed by Mr. Cornish (1938) R. 5424536

Diameter	5					5"					
Height	1.0					1.0"					
Altitude	66		60			60'			35		
Year	1931	1932	1933	1934	1935	1936	1937	1938	† 1939	1940	Means
January	1.76	.69	1.01	1.29	2.46	3.79	..	2.20	4.17	1.48	12.86
February	2.03	.44	.80	.32	2.69	2.17	..	.56	.69	1.13	8.10
March	.29	1.11	1.26	2.19	.51	0.55	..	.36	1.79	2.44	9.59
April	2.80	1.74	1.03	1.74	2.03	1.04	..		2.10	.98	12.42
May	1.65	2.84	1.34	2.06	1.47			2.13	1.45	1.59	11.38
June	1.23	.61	1.50	.60	2.18			1.68	.52	2.18	8.67
July	2.57	2.83	1.87	.89	.48			2.46	.95	1.18	12.68
August	2.22	1.76	.52	1.49	1.65			1.21		2.87	10.67
September	2.02	1.73	3.30	1.42	3.52			3.79	2.41	.52	13.56
October	.46	5.25	1.46	1.28	1.92			1.59		8.27	20.56
November	1.69	1.28	1.57	1.34	3.09			1.46		3.92	18.27
December	.52	.26	.54	3.99	1.70			3.46		1.34	9.65
TOTALS	19.24	20.57	16.40	18.61	23.70	unp.	unp.			30.62	1482.1
		D	3	D	D					D	

Inspected 23/5/32, measuring glass placed in container, bottle recommended.

Inspected 9/6/33. G. good condition, on top of small hill.

" 13/6/35. G. & tube satisfactory

" 2/10/36. No change.

This Station closed temporarily May 1936 - May 1937.

† Inspected 15.6.39. Instrument & tube used G. and tube N.D. of 1936

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No. 1315

RAINFALL at Wotton-on-Naze M. W. R.

41

County of SussexObserver The Engineer & SurveyorRiver Basin Colne re. ~5

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average..... Ref. 56.12.5/36

" " 20.2.. computed by Mr Cornish (1938) File No.

Diameter	5"			227	300							
Height	1' 0"											
Altitude	35'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.81	2.00	3.38	1.43	(1.60)	1.01	2.31	2.82	.94	1.41	12.70	
February	1.42	.70	.65	1.28	(1.40)		1.92	1.47	1.14	2.19	12.17	
March	2.72	2.11	.31	.18	.95		(3.87)	.78	.71	1.48	12.11	
April	.93	.79	.70	1.65	.69	.83	.98	1.84	1.08	1.28	9.94	
May	1.13	2.50	1.50	.73	1.87	1.44	.59	1.00	1.92	1.40	12.64	
June	.46	1.35	.98	.94	1.37	2.39	2.09	1.63	.38	.94	10.14	
July	1.50	1.80	1.59	2.13	2.43	3.72	1.51	1.26	.57	1.56	14.35	
August	4.24	.81	1.55	1.38	2.21	3.84	.19	2.08	.83	1.66	14.95	
September	.23	1.49	1.99	2.51	.96		1.33	1.76	1.92	3.00	15.18	
October	1.98	3.09	1.88	4.00	1.68	.79	.25	1.10	5.67	.29	19.94	
November	2.17	2.29	1.34	3.90	1.11	3.57	1.11	1.62	2.01	3.94	19.69	
December	1.26	2.57	1.24	.72	2.52	3.16	2.89	1.86	1.39	1.53	15.98	
TOTALS	20.85	21.80	17.11	20.85	(18.79)	unp.	19.04	19.21	18.56	19.68	1755.9	
	D	D	D	D	D		D	D	D	D		

1943 Jan. & Feb. solid, no values available.

1946. Feb & March - measure stolen - Sept. obs on holiday

Inspected 19.10.48 Mr E.A. Cape. Satisfactory

Inspected 18.9.48 Mr. A.E. Cape. Satisfactory

1960. Inspected by T.S. Shaw. Satisfactory. New measure recommended. 12/10/50.

60004

10004

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. 1315

RAINFALL at Swalton-on-Naze

(H.W.R.)

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County of EssexObserver Engineer & SurveyorRiver Basin Colne & C-5Type of Gauge T.K.II (456)

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

No average worked - too short
" " 20.2 " computed by Mr. Cornish (1938) ref. 561245/36 File No.

Diameter ...	5"			22.7	300							
Height ...	1' 0"											
Altitude ...	35'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total Means 1951-59	
January ...	1.91			1.56	2.13	3.63	1.19	3.59	2.12	2.37	10.57	
February ...	3.93			2.33	1.52	-	2.05	2.31	.10	1.22	8.31	
March ...	2.34			2.15	1.26	-	.95	1.15	.78	2.03	6.29	
April ...	1.76		1.83	.24	.09	.63	.08	.98	1.61	.48	2.00	
May ...	2.10		1.59	1.35	2.40	.98	1.26	2.74	.28	1.56	8.03	
June ...	#		1.88	1.66	1.93	1.96	1.11	3.43	.83	1.27	8.96	
July ...			3.23	2.09	.19	2.55	3.28	2.58	1.39	2.45	9.53	
August ...			1.28	4.44	1.64	3.99	1.02	2.48	1.36	3.29	10.64	
September ...			1.55	1.00	1.15	1.49	2.28	2.89	.03	2.10	7.35	
October ...			1.44	1.18	3.58	.98	1.35	2.08	1.97	6.22	10.16	
November ...			.94	3.00	.81	.57	1.56	1.11	2.93		9.60	
December ...			.75	1.41	1.68	2.07	2.12	3.46	3.37		12.04	
TOTALS ...	INC NP		INC NP	22.11 D	18.38 D	NP INC	18.24 D	28.80 D	16.77 D		104.30	

At 12.15 p.m. 9. x by W. Deane Gage to be taken. Terminated Temporarily.

1953 Recommended INC NP.

Sup. 17/10/54. Ground on ground leading to the pump. Wooden pulpit inside kept well
well from need repair. began 11/5/54.

1960 n.p. inc.

9. sup 1956. 29/10. 9. at checked. 9. not firmly fixed in ground. Tuf wall needs repair.
Sunline recorder platform from unnecessary obstruction 6/9.Sup 1957. 11. 20/10. 9. has been repaired: no leaks. 9. is firmly fixed in ground level. Outside edge of tuf wall
has been removed, but outside needs tamping. 9. 1/2 recorder platform cannot be moved as ground outside is too hard.

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 6250220

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			✓ Not used 26.38	✓ Not used 1/6	
			✓ Not - 31	✓	