

RAINFALL at Walton-on-Naze

County of Essex

Observer L. R. Lansdowne

River Basin Colne & 5

A. G. Bloomfield Esq.
C. S. ClootleyM. O. No. 50 Rain Gauge, by Pastonville Ropkin
Floor 45

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				
February56	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				
June62	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 ...				19.87	22.45	26.28	23.40				

1913 House 30-35 ft high 150+200 yds NNE & ESE
 1914 On edge of cliff away from buildings
 1915 July of more 8 ft NE

Date.	Lat. N.	Long. E.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51°50'35" 1.16.12			Walton Naze	400 200 yds	NE SS E	All Saints	370 440 yds	NNE SE

RAINFALL at Walton-on-NazeCounty of Essex
River Basin 5. Colne &c.Observer The Town Clerk
Mr E. Scoggins(1925) M.M.O. Rain Gauge, by _____

Diameter ...	5"										
Height	1	0									
Altitude ...	69				77						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>Mean</u> 1930
January ...	1.46	2.57	1.16	1.93	1.01	1.81	1.14	3.09	1.24	1.83	
February ...	1.39	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	2.47	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	
June17	2.01	.78	1.22	.38	2.35	3.90	2.28	.99	.89	
July33	2.01	1.05	3.67	1.24	1.57	4.03	1.94	4.61	3.08	
August48	.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	19.66	30.30	23.32	22.11	24.70	
	1925.	Trinity House Tower	74 ft. high	807ds N.W.							
	1926.	Gauge moved Sept. 15.	14 ms S.W.								

1925. Trinity House Tower 74 ft. high 807ds N.W.

1926. Gauge moved Sept. 15. 14 ms S.W.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1921	51° 5' 10" N	1° 16' 30" E		1 mi	S.W.		1 mi	S.W.
1926			Walton-on-Naze	300 yds	S.E.	Walton-on-Naze	300 yds	N.E.

RAINFALL at Wallen Naze.

M.W.R.

County of Essex.

Observer Mr. Tom Clark.

River Basin Colne &c -5.

The Colne &c. W.D.C.
Hargreaves Survey (1927)

Type of Gauge.

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

20.2 in. computed by Mr. Cornish (1938) Rq. 56245/36

Diameter	5.				5"					
Height	1.0				1.0"					
Altitude	66	60			60'			35		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
January	1.76	.69	1.01	1.29	2.46	3.79	..	2.20	4.67	1.48
February	2.03	.44	.80	.82	2.69	2.17	..	.56	.69	1.13
March	.29	1.11	1.26	2.19	.51	0.55	..	.36	1.79	2.44
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	1.43	11.38
June	1.23	.61	1.50	.60	2.18	1.68	.52	2.18	.37	8.67
July	2.57	2.83	1.87	.89	.48	2.46	.95	1.18	2.66	12.68
August	2.22	1.76	.52	1.49	1.65	1.21	2.87	.16	10.67	
September	2.02	1.73	3.50	1.42	3.52	3.79	2.41	.52	.85	13.56
October	.46	5.25	1.46	1.28	1.92	1.59	8.27	1.92	20.56	
November	1.69	1.28	1.57	1.34	3.09	1.46	3.92	5.38	18.27	
December	.52	.26	.54	3.99	1.70	3.46	1.34	1.30	.65	
TOTALS	19.24	20.57	16.40	18.61	23.70	Imp.	Imp.	30.62	19.10	14.22-1

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

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

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

" 2/10/36. No change.

This Station closed temporarily May 1936-May 1937.

↑ Inspected 15-6-39. Indirect current used to run N.W. of town

Position of Station on reduced Ordnance Survey Map. } No. of Map..... Reference No.

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

Station No. 1815

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

41

County of Essex.

Observer

River Basin Colne re. ~5.

The Engineer & Surveyor.

Type of Gauge.

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

Ref 56.1245/36

" " 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	1946-50 Means
January	2.81	2.00	3.38	1.43 (1.60)	1.01	2.31	2.82	.94	1.41	1.70	
February	1.42	.70	.65	1.28 (1.40)		1.92	1.47	1.14	2.19	1.17	
March	2.72	2.11	.31	.18	.95	(3.87)	.78	.71	.48	1.11	
April	.93	.79	.70	1.65	.69	.83	.98	1.84	1.08	1.28	9.91
May	1.13	2.50	1.50	.73	1.87	1.44	.59	1.00	1.92	1.40	12.61
June	.46	1.35	.98	.94	1.37	2.39	2.09	1.63	.38	.94	10.16
July	1.50	1.80	1.59	2.13	2.43	3.72	1.51	1.26	.57	1.56	16.35
August	4.24	.81	1.55	1.38	2.21	3.84	.19	2.08	.83	1.66	16.95
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	19.61
November	2.17	2.29	1.34	3.90	1.11	3.57	1.11	1.62	2.01	3.94	19.61
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	21.50	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	D	

1945 Jan. & Feb. lost'd, no values available.

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

Inspected 19.10.46 Mr E. A. Cole. Satisfactory

Inspected 15.9.48 Mr. A. E. Cole. satisfactory.

1950. Inspected by T. S. Shaw. New gauge 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

Station No. 1315

RAINFALL at S Walton-on-Naze

(M.W.R.)
118.

51

County of Essex

Observer Engineer & Surveyor

River Basin Colne & C-5

Type of Gauge PI. K II (45b)

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"		227	300								TOTAL Means 43.55.57.59
Height ...	1' 0"											
Altitude ...	35'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960		
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		8.37
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	9.58
August ...				1.28	4.44	1.64	3.99	1.02	2.48	1.36	3.29	10.61
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
November94	3.00	.81	.57	1.56	1.11	2.93		9.60
December75	1.41	1.68	2.07	2.12	3.46	3.37		12.04
TOTALS ...	INC		INC	22.11	18.38	NP.	18.24	22.80	16.77			106.30
	NP		NP	D	D	INC	D	D	D	n.p.		

Ans. Fig. 9. x by N. D. as change to be tested. Estimated temporarily.

1953 Recommended INC NP.

Jump 11/54. Ground cover leaving gap at top, otherwise. Wooden palisade inside turf wall will soon need repair. Before next jump.

1960 n.p. inc.

9-ep 1950. 29/10. g. not checked for breaks g. not firmly fixed in ground. Turf wall needs repair. Some stones platform from unnecessary obstruction g.g.

Jump 11/57 Th. Booth - 19/9. g. has been repaired: no walls. g. is firmly fixed in ground level. Outside palisade of turf has been removed; but outside walls remaining. g. 3/5 recorder platform cannot be moved on ground outside enclosure because turf wall needed repairing 11/54.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference G2/250220

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
			✓ last - early 30's	✓ last - mid 40's	