

RAINFALL at Bayne (Stanaway)
(mm.)County of Gloucester.Observer Mr E. BurtRiver Basin Blackwater - 4 -Snowdon Rain Gauge, by
(1928) M.O.

Diameter ...				5"							
Height				1.1							
Altitude ...				247							
Year	1920	1921	1822	1923	1924	1925	1926	1927	1928	1929	1930
January ...			(1.20)	2.54	1.67	2.52	1.19	3.15	1.67	1.75	
February ...			3.09	.71	2.15	2.19	3.46	1.29	.53	.48	
March			1.56	.77	1.02	.07	1.65	2.48	.04	1.34	
April.....			1.52	2.73	1.39	3.45	2.23	.92	1.96	2.34	
May			1.33	4.48	2.36	1.01	.92	1.81	1.38	2.22	
June			46	3.32	.89	3.05	3.36	2.86	.40	1.17	
July			1.09	3.33	2.42	2.52	2.73	1.51	1.56	2.14	
August			1.54	2.03	2.92	1.08	3.31	2.08	1.30	2.80	
September...			1.89	2.81	2.03	.82	1.30	.52	.68	4.28	
October.....			4.63	3.36	2.72	2.17	1.72	3.34	2.82	1.12	
November...			1.97	2.83	1.62	4.04	2.76	2.27	4.51	3.72	
December...			2.17	2.23	1.74	.53	(2.55)	2.62	4.30	2.26	
TOTALS...			(22.45)	31.64	22.33	23.45	30.38	24.85	25.62		

1923. Jan. read from map. Water retarding with few ramble roses. 7' 6" high. 13° G.S.

1927 Dec. cov for snow.

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
1923	51° 52' 45"	31° 10'	Bayne	910 ft.	S. 34° E.	Bayne	2460 ft.	N. 75° E.

RAINFALL at Rayne (Stanway).

County of Essex.

Observer Mrs. Burt.

River Basin.

Blackwater - 4.

Type of Gauge.

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

Ref.

" " 23.0 in. computed by Mr. Cornish (1938) Ref. 561245/36

740045/27

Diameter	5.										
Height	1.1.					1.6					5.0
Altitude	267.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.83	1.21	1.58	1.46	2.69	3.86	2.04	2.94	4.61	1.12	2.53
February	2.32	1.28	1.65	1.17	2.49	1.96	3.10	1.39	1.63	1.29	1.43
March	1.20	1.30	1.93	1.99	1.39	8.4	2.62	1.36	1.48	2.75	1.38
April	2.94	1.64	1.35	1.91	2.79	1.39	2.88	1.28	3.01	1.28	1.94
May	2.65	4.97	1.26	1.50	1.29	1.62	2.27	1.83	1.06	1.34	1.87
June	1.11	1.80	1.83	1.53	3.29	3.03	2.21	1.53	1.74	1.24	1.63
July	3.75	2.40	1.40	2.53	1.64	4.62	1.73	1.68	2.63	3.32	2.47
August	2.75	1.92	1.31	1.83	1.65	1.54	1.62	1.30	3.02	1.10	1.10
September	1.73	1.43	1.84	1.48	3.00	2.37	1.56	2.50	1.20	1.50	1.76
October	1.42	4.97	1.58	1.42	3.15	1.75	1.36	2.93	5.80	1.85	2.52
November	1.54	1.12	1.35	1.79	4.19	3.20	1.97	2.56	4.13	5.82	2.76
December	.58	1.42	1.52	4.11	2.54	2.20	2.76	2.60	1.04	1.68	1.84
TOTALS	21.82	21.46	16.60	20.72	28.11	27.38	27.18	19.90	30.37	21.29	23.483 KM.

1931. Wire netting with few rambler roses 7' 6" high 13' S

1934. Tree 12' high 13' N.

Wire 7' 6" - 13' S.

netting 20' - 12' E.

Tree 20' - 12' E.

Hedge 8' 6" - 20' W.

1936. The gauge is now going to be moved a few feet E.

1937. Gauge moved from 30' to 12' N.E.

1940. Elm Trees 50yds N. Farm bldgs 50yds S. Trees 30' high 15yds E. Trees 20' high 25yds W.

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
1931			Rayne	910 ft	N.E	Rayne	2.140 ft	E.N.E.

Station No. 1305

RAINFALL at

Rayne (Stanaway)

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County of Essex.

Observer

Mrs Best

River Basin Blackwater - 4

Type of Gauge

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref. 561245/36

" 23.0 " computed by Mr Cornish (1938) File No. 740045/27

Diameter	5"		231	415							
Height	1' 6"	50				1' 0"					
Altitude	247'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.59	2.46	4.93	1.52	1.37	1.22	2.21	3.36	1.21	1.37	
February	1.99	.92	.93	1.80	1.38	1.99	1.60	1.46	1.28	3.17	
March	3.20	2.07	.34	.23	.82	.86	4.22	.96	.83	.64	
April	1.36	1.08	.89	1.52	1.13	.85	1.82	1.77	1.32	1.75	
May	1.16	1.62	1.67	.84	2.69	1.83	.58	1.76	2.00	1.51	
June	.53	.19	2.77	2.08	1.39	2.68	3.42	2.33	.44	1.84	
July	2.71	2.27	1.80	3.11	1.45	2.91	4.00	1.00	1.75	2.15	
August	3.46	1.58	1.33	1.96	1.66	3.41	.52	4.64	1.22	1.32	
September	.39	1.89	1.69	2.78	2.05	2.52	1.54	1.24	.81	2.92	
October	2.48	4.14	1.68	3.33	1.84	1.22	.16	2.01	5.01	.32	
November	2.29	1.72	1.51	2.68	.44	2.93	.94	1.88	2.08	3.93	
December	1.34	2.76	1.49	1.35	2.69	2.32	2.55	1.82	1.41	1.47	
TOTALS	22.50	22.70	21.03	22.20	18.91	24.74	23.56	24.23	19.36	22.39	

1941. the Trees 50yds. N. Trees. about 30' high 15yds. E

Farm Bldgs. 50yds. S. " 20' - 25' W.

1943-1947. Garage on top of chicken house. Moved down to 1 ft. above ground level on 18/9/47.

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	Parish Church.	Distance from gauge	Direction
1941			Rayne	910 ft.	S	Rayne	2425 ft.	E
1947			Rayne	1060 ft.	S.	Rayne	2390 ft.	E.

Station No. 1305

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RAINFALL at Rayne (Stanaway)

County of Essex

Observer Mrs. Burt

River Basin Blackwater - 4

Type of Gauge.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....
 " " 23.58 " 30 " 1916-50 " 1916-50
 " " 23.0 in. computed by Mr. Cornish (1938) ref. 561245/36 File No. 740045/27

Diameter	5"			231	415						
Height	1' 6"										
Altitude	247'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.77	2.08	.92	1.26	2.14	3.67	1.32	2.17			
February	5.10	.64	1.23	2.57	1.94	.77	2.54	3.93			
March	2.67	3.36	.32	2.21	1.41	.79	1.29	1.10	*		
April	2.70	.88	2.17	.28	.18	1.33	.33				
May	2.30	.64	1.34	1.95	4.19	.56	1.14				
June	.99	1.06	2.18	2.09	3.39	1.89	1.73				
July	1.44	.60	3.45	2.20	.56	3.57	3.03				
August	2.26	2.01	1.39	2.71	1.35	4.42	2.43				
September	4.19	2.27	1.90	1.18	2.01	2.48	2.42				
October	.55	1.96	3.00	1.54	4.49	2.62	1.95				
November	3.68	3.78	1.17	3.18	.85	.61	2.77				
December	1.94	2.08	.74	1.55	1.62	2.34	2.20				
TOTALS	29.59	21.36	19.81	22.72	24.13	25.04	23.16	ing			
	D	D	D	D	D	D	D	up			

1951 Trees 40' 30' + 20', 30 40, 15 40 + 25 40 N.E + W resp; Farm buildings 40' 70' S.

1958. T. April on death of Mrs E. L. Burt.

Measures 4975 Purchased Jan 1941, tapered.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ (52) 722227

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1957			Rayne	1060' 170°	Rayne	935' 070'

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 23 ✓	✓	✓	✓	✓
		✓ last 27-38	✓	✓	✓ last 41-42	