

RAINFALL AT

Weymouth

60

Dorset.

Preston Garrison

Rain } By
Gauge } Diameter in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Form - 3.

YEAR.....				1864	1865	1866	1867	1868	1869	MEANS.
January				2.07	7.15	4.99	4.49			
February				2.13	6.19	4.18	2.90			
March				2.99	2.96	1.69	4.95			
April				1.80	1.71	1.92	1.68			
May				1.64	3.28	1.23	6.93			
June.....				2.18	2.00	1.52	.85			
July .....				.73	1.72	1.09	1.33			
August.....				1.30	3.84	2.02	1.36			
September ...				3.24	0.00	7.54	1.23			
October.....				2.53	9.60	2.05	2.11			
November.....				5.67	5.44	2.00	.88			
December.....				2.56	4.55	2.12	2.00			
TOTALS				28.84	48.44	32.45	30.71			

c c c c

1866 Sep: 6.94 + Total 31.25 in another list.
amounts too large

RAINFALL AT Weymouth 26 2/3 mi

Lat. Lon. County of Dorset
 Rain Gauge, by Observer J. B. Groves

From 3. The Roy. Met. Soc.

Diameter				5							
Height				1.	-					0.6	
Altitude				80							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January			(7.40)	2.75	3.09	2.24	3.49	2.85	1.35	.80	
February			(10.60)	3.79	2.89	3.23	.93	.72	.60	1.39	
March			(4.45)	.71	2.26	1.13	3.22	1.18	3.02	1.54	
April			(6.70)	1.02	2.40	2.08	1.72	.82	1.10	1.87	
May			(3.95)	1.93	.68	2.68	2.75	1.91	1.63	1.53	
June			(8.25)	1.25	2.80	2.28	.86	.32	3.35	3.84	
July			(6.05)	1.82	1.98	.38	3.09	.86	2.97	2.04	
August			(8.60)	.38	1.43	.89	.87	1.74	1.89	2.21	
September			(9.00)	3.79	1.40	4.37	2.79	2.46	1.09	.89	
October			(11.60)	1.89	1.01	3.66	4.22	2.83	2.68	4.33	
November			(11.30)	3.47	1.42	3.73	3.11	3.46	7.21	1.32	
December			(7.10)	.51	3.57	1.80	5.50	2.42	2.08	2.21	
TOTALS			(95.00)	23.31	24.93	28.47	32.54	21.57	28.97	23.97	

*
 1883 Not printed

* 1881-82 computed from long term series x 100
 100

RAINFALL AT

Weymouth The Nothe

Lat. _____

Lon. _____

County of _____

Dorset

Rain Gauge, by _____

Observer _____

J. B. Groves Esq

Royal Inst Soc

H. F. Laker Esq

From - 3.

Diameter	5											
Height	10											
Altitude	80											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.61	2.52	1.96	2.59	3.36	3.90	.85	1.82	.63	3.89	2.413	
February ....	.86	.00	.91	3.98	2.68	.02	.25	4.02	1.84	2.93	1.749	
March	1.12	4.00	.58	.41	1.12	2.36	2.61	4.41	1.30	.58	1.949	
April	2.71	.84	1.17	.16	1.77	2.35	.52	3.23	1.08	3.08	1.691	
May	(1.65)	1.98	.54	.93	1.52	.32	.19	2.12	3.51	.92	1.868	
June	2.42	2.36	.64	.74	1.78	1.65	1.21	2.72	1.11	1.05	1.568	
July	2.08	1.90	2.77	4.69	4.49	2.34	.64	.16	.14	.86	2.007	
August	2.91	4.69	2.35	.63	2.73	2.19	1.00	2.20	1.22	.42	2.034	
September...	1.39	2.56	2.89	1.83	3.29	.27	5.94	2.08	.73	2.33	2.531	
October .....	.84	7.27	4.40	3.14	3.74	2.61	2.53	.93	3.42	1.67	3.055	
November...	2.52	3.50	3.76	1.20	7.82	5.38	.83	1.04	3.34	3.89	3.338	
December...	1.32	4.06	2.43	2.33	2.21	3.99	5.24	4.48	3.38	3.28	3.272	
TOTALS	62.43	35.68	24.40	22.73	36.51	27.38	21.81	29.21	21.70	24.90	26.675	

1890 May Record imperfect.

1890 May computed 81.20.

1553

RAINFALL AT

Weymouth The Naze + Westham

Lat.

Lon.

County of

Dorset

Rain Gauge, by

Observer

The Royal Meteor Soc

Dorset Field Club J. Brown Esq

Frame - 3.

Diameter ..	5										
Height	10										
Altitude ..	79					25					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.34	1.95	.79	2.24	4.03	1.09	5.64	1.13	.93	.80	2.194
February ..	4.27	.97	1.40	1.61	4.06	.44	3.07	1.22	1.55	.26	1.885
March	1.20	2.04	2.01	2.96	1.07	4.54	1.00	.39	2.36	3.90	2.147
April	1.12	2.42	1.69	3.04	.90	1.50	.85	3.20	1.86	1.11	1.769
May	1.29	.85	2.02	2.23	2.96	.24	2.96	1.89	1.42	1.16	1.702
June	2.62	.79	2.47	1.31	.86	1.56	1.59	1.57	.39	3.14	1.630
July .....	.96	1.92	1.34	2.12	2.63	.47	1.04	1.06	1.09	1.69	1.432
August	1.36	2.34	3.46	3.95	3.30	2.63	.64	1.20	1.84	2.28	2.300
September ..	1.03	3.21	1.37	2.75	1.58	2.31	.85	.68	2.42	2.16	1.836
October	1.82	3.19	2.05	7.08	1.95	2.00	5.13	3.23	6.50	6.30	4.425
November ..	3.40	.38	4.03	1.18	1.96	4.24	3.60	2.96	1.12	.68	2.355
December ..	4.69	3.96	1.65	2.60	3.00	.59	1.94	3.91	3.09	4.20	2.963
TOTALS ..	27.10	24.02	24.28	33.07	28.20	21.61	28.31	27.44	24.57	27.68	26.638

ID 3 M 3 m 3 3 3

1905 gauge moved 1/4 mile NW Mar 31st

1906 Westham Church 500 yards NW

Weymouth Station 800 NE

Hub

RAINFALL at Weymouth Weatham (Bore Electricity Works)
Staverton RoadCounty of DorsetshireObserver E. J. Brown EsqRiver Basin Frome + C 3J. H. B. G. Esq
G. Nicholson Esq

Copper Snowden Rain Gauge, by ?

Diam 5.0 all over

glass tested by M.O.

Diameter ...	5											
Height	1.0											
Altitude ...	25											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Jan 19
January ...	3.19	1.06	5.38	4.72	.55	3.01	.71	1.11	3.18	5.49		10.49
February ...	3.79	1.49	2.44	1.46	4.64	5.15	4.83	1.33	1.35	3.67		11.8
March .....	.62	2.23	4.45	2.22	4.98	.93	3.08	2.65	1.04	4.68		11.45
April	1.22	1.39	.08	1.05	1.02	.84	.56	1.19	1.35	1.43		4.53
May	1.54	.60	2.79	2.06	1.51	2.53	1.42	1.93	1.84	.81		6.00
June	2.14	1.25	3.16	.56	.92	.58	.98	1.35	.63	.73		3.69
July	2.64	.12	1.70	.23	3.04	3.44	.96	2.55	3.59	2.17		9.97
August	1.94	.51	5.21	1.66	3.48	1.01	3.58	4.09	1.54	2.56		11.77
September ...	.15	1.05	1.90	3.03	1.97	1.77	2.74	1.62	5.77	1.31		11.44
October ...	4.00	3.83	4.52	3.02	2.04	5.25	4.79	3.71	1.33	1.85		11.68
November ...	3.80	4.26	1.70	3.20	4.71	2.34	4.29	1.40	2.29	2.96		10.94
December ...	5.62	7.01	4.54	1.85	7.21	8.46	6.08	1.03	2.59	4.75		6.45
TOTALS ...	30.65	24.80	37.87	26.06	36.07	35.31	34.02	23.96	26.50	32.41	30.765	11.689

1913 Railings 45' mile liberally allowed for

Inspected { Two gg. in small enclosure in yard, both Snowden. Fully sheltered but not too much.
Es. 15. VIII-17

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	50.36.20	2.26.50	Weymouth	1 m	SE NE	Melcombe Regis St Paul's	1/2 m 1/4	SE N

RAINFALL at Weymouth (Wetham)County of DorsetshireObserver G. Nicholson, Esq.River Basin Frome - 3Gauge Weymouth Rain Gauge, by 2
Gloucester Ry. Co.

Diameter ...	5												
Height	1.0												
Altitude ...	20												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN	Sums 1920-30	
January ...	4.48	3.62	4.12	1.44	4.67	4.42	3.64	2.14	4.91	1.61	3.44	38.49	
February ...	0.44	.30	2.72	5.55	1.15	3.99	1.71	2.57	2.77	1.91	.94	24.05	
March	2.90	1.25	2.44	1.28	1.51	.56	.36	2.68	2.69	.15	1.26	17.08	
April	3.41	.89	3.01	2.99	2.49	2.09	2.91	2.02	1.88	.71	2.09	24.49	
May	1.57	2.27	1.03	1.48	4.21	3.15	1.31	1.07	1.35	2.35	2.22	21.95	
June	2.16	.30	.70	.55	1.62	.35	2.57	1.74	2.02	1.77	.49	14.27	
July	3.93	.25	4.08	.85	3.49	2.93	1.60	2.04	2.00	1.24	1.58	24.02	
August	1.54	1.24	2.96	1.25	2.30	2.88	.77	3.28	2.56	1.55	2.91	23.24	
September...	1.59	.71	1.55	3.26	3.23	3.50	.52	6.69	2.04	.41	3.27	26.77	
October	2.94	1.13	1.74	5.06	5.33	4.22	3.15	2.11	5.72	4.05	2.52	37.97	
November...	1.35	2.35	2.22	1.57	3.91	2.95	10.08	2.84	2.99	7.54	5.54	43.34	
December...	3.40	1.55	4.54	3.53	4.92	3.52	.50	4.19	3.68	6.40	4.46	40.69	
TOTALS...	29.65	15.89	31.11	28.81	38.83	34.56	29.12	33.37	34.61	29.69	30.72	336.36	

1920. office building 12 ft. high. 12 ft. off. of E.

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	Parish Church.	Distance from gauge	Direction
1920	50° 36' 20"	2° 26' 50"	Wetham Hall	100 yds.	N.E.	St. Paul's	410 yds.	N.E.
1922			"	5 m	E	"	4 m	N.

RAINFALL at Weymouth (Westham) + A. 1924 M.W.R.County of DorsetshireObserver G. Nicolson, Esq.River Basin Frome & C. - 3.Borough District Engineer.Type of Gauge Snowdon M.O. (428)The Town Clerk ✓Annual Average 22.2 in. based on 22 years obs. un-weighted. Period of average 1881/1915 Ref Box N

Diameter	5.					5"						
Height	1.0.					1'0"						
Altitude	20.			16	16	16'						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.90	2.04	1.96	2.51	.61	4.50	4.66	3.48	5.67	3.42	30.75	
February	1.78	.02	4.01	.03	3.11	3.29	5.59	.69	1.99	4.14	24.65	
March	1.26	1.84	3.13	2.43	1.10	3.78	4.21	.30	.94	3.10	22.09	
April	2.18	2.02	1.57	1.63	3.10	1.23	2.13	.11	2.11	1.47	17.55	
May	3.19	2.39	1.66	.68	2.02	.51	3.28	1.13	.99	1.47	17.32	
June	2.59	2.24	.37	1.16	3.39	1.39	.57	.41	2.19	.27	14.58	
July	3.35	1.99	1.76	.12	.35	3.16	4.47	1.91	3.66	2.37	23.14	
August	3.20	1.02	.54	2.50	2.64	.08	1.63	2.46	2.43	.02	14.52	
September	1.50	3.21	2.18	2.59	2.93	2.08	2.13	2.01	.82	1.81	21.26	
October	.51	5.74	1.81	1.85	4.67	1.16	4.49	3.40	6.07	5.84	35.54	
November	4.53	2.12	.68	2.14	7.15	3.27	2.59	5.21	6.07	8.43	42.19	
December	1.14	1.22	1.02	9.22	4.60	3.11	3.81	3.12	2.10	2.65	31.99	
TOTALS	27.13	25.85	20.69	26.86	35.67	27.56	34.56	24.23	35.04	34.99	297.58	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

Inspected 3/6/34. Inspector states that Casella recording has been in action since early in 1934 & is working well.

Inspected 24/6/35 by M.O. Inspector. G. satisfactory. Altitude checked as 16 ft.

" 8/10/36. No change.

" 7/7/38 London gauge in worn out

" 14.5.35 new no. 5. 7 ft. from wall face = 17 ft. from north face

* 1940 record may not fit above

New gauge, site changed in May 1939.

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

RAINFALL at Weymouth (Westham) Station No. 1553 MWR. **41**

County of DorsetObserver The Town ClerkRiver Basin Trenor - 3Type of Gauge M.O.Annual Average 28.2 in. based on 32 years obs. up-weighted. Period of average 1881-1915 Ref. R. & N.File No. 1553

Diameter	5"				350	753					
Height	1' 0"					3					
Altitude	16'					44					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.41	3.88	5.87	2.27	2.01	2.97	3.15	5.95	.79	.65	3195
February	4.16	.42	1.35	.44	2.10	2.85	2.23	1.16	1.16	5.50	2137
March	3.06	1.59	.98	.22	.95	1.20	8.21	1.17	1.36	1.40	2014
April	2.03	1.72	.65	1.87	.61	2.46	2.29	1.62	1.52	1.78	1655
May	3.29	3.72	2.41	.15	2.33	3.55	2.07	1.85	2.20	1.25	2282
June	2.45	.26	.91	1.78	3.08	3.80	2.28	1.77	.63	1.27	1823
July	1.30	1.20	1.66	2.92	1.39	1.20	1.39	1.81	.84	5.37	1908
August	3.34	3.35	1.67	1.80	2.03	4.06	1.16	2.86	1.11	3.37	2475
September	1.17	1.59	2.99	1.78	2.73	4.73	1.35	2.93	4.44	4.21	2792
October	1.04	3.39	3.62	3.50	3.72	1.50	1.10	2.45	6.48	1.06	2786
November	1.75	1.77	2.31	6.13	2.14	5.84	1.97	2.50	4.35	6.14	3490
December	2.37	4.26	100 3.40	2.32	4.07	4.13	3.31	4.77	2.62	3.62	3487
TOTALS	30.37	27.15	imp. 27.82	25.18	27.16	38.29	30.51	30.84	27.50	35.62	30044

1942 N.P. Imp.
 1948 Insp. R.F.M. H.M. 28.6.48
 Inspected Mr. G. A. Rivett 26.7.49. Satisfactory.

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. 1553

RAINFALL at Weymouth (Westham) (MWR) 51County of Dorset Observer The Town ClerkRiver Basin Ferne & B.3Type of Gauge M.O. (A.D.S. in use but not reporting K.T.O.)Annual Average 28.0 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. S/N
30.04 " " 35 " " 1916-1950 1916-1950 P

File No.

Diameter ...	5"				350	753					
Height ...	1' 0"					3					
Altitude ...	16'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.71	2.29	.76	1.66	2.95	4.26	3.10	2.88	4.53	3.25	2939
February ...	5.37	.89	1.74	3.11	1.85	.11	3.98	2.82	.33	2.90	2280
March ...	3.84	3.06	.57	3.91	1.43	.77	2.60	1.17	3.55	2.97	2387
April ...	2.51	1.64	2.16	.02	.67	1.41	.24	.49	1.94	2.52	1360
May ...	2.71	2.47	2.78	1.37	3.49	.55	1.89	1.95	.83	1.77	1981
June ...	.39	1.25	1.85	2.40	2.78	2.26	2.43	2.55	.79	1.95	1865
July ...	1.90	.57	3.03	3.24	7.20	2.35	4.71	2.33	1.43	3.26	3002
August ...	4.29	1.91	1.64	2.60	.49	2.97	2.37	2.53	1.49	5.69	2598
September ...	3.77	4.00	2.61	2.93	1.63	5.76	3.25	4.32	.27	5.58	3412
October ...	.86	4.68	3.32	2.36	3.77	1.61	2.49	3.30	3.48	8.32	3619
November ...	8.19	4.06	1.63	5.49	2.78	.79	2.53	3.63	4.31	5.73	3914
December ...	2.76	2.95	.57	3.23	5.47	4.77	2.26	4.64	7.57	4.04	3826
TOTALS ...	40.30	29.47	22.66	32.32	34.51	27.61	31.85	32.61	30.52	47.98	32983
	D	D	D	D	D	D	D	D	D	D	

1951 Inspected H.J. Lander 22/5/51. Note. Recording gauge made repairs.

Rep. H. Pedlow 15.5.53 Satisfactory.

1955 Oct. Inspected. gauge slightly elliptical site satisfactory. No

1957 23/5 Insd by Mr. Gurnett. Enclosure in Corporation yard seemed rather shoddy. Gauge decent. Generally satisfactory.

1959 Insd. 27.10.59 K.W.W. Hyde. Small dent in gauge, Turf rather rough, no obvious obstruction.

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference SY(20)676791

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
	✓	✓	✓	41-42, 44-50	✓
	✓ but - 10, 16	✓	✓	✓	✓ but d 42