

RAINFALL at *Dorchester (Birkin House)*County of *Dorsetshire*Observer *Colonel W. H. F. Weber, CMG, DSO*River Basin *Yrome & C. - 3.**Snowden* Rain Gauge, by

Diameter ...				5							
Height						1.0					
Altitude ...				230							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...				2.15	4.78	5.68	5.64	2.62	7.22	1.86	5.95
February ...				8.32	7.1	5.00	2.18	3.70	3.35	1.83	1.13
March				1.88	1.99	4.5	.83	4.07	3.54	.20	1.69
April				3.49	3.92	3.01	1.98	2.57	1.88	.80	2.93
May				1.86	5.64	4.57	2.63	1.33	1.72	2.82	2.68
June05?	1.94	1.05	1.47	2.77	2.29	1.69	.62
July87	4.46	3.62	1.43	2.85	1.96	1.45	2.83
August				2.56	2.95	3.87	.92	3.72	4.16	2.18	4.17
September...				5.06	4.51	3.88	.50	6.81	2.17	.55	4.09
October				6.83	6.26	5.89	4.10	3.49	7.82	4.93	2.47
November...				2.51	5.00	3.87	11.80	4.16	4.33	11.17	7.39
December...				4.79	6.42	5.06	.56	5.26	3.81	9.01	6.02
TOTALS...				40.39	48.58	45.45	36.04	43.35	44.25	38.49	41.97

1923 (note by Observer: - The figures from 1st Jan till 26th February were taken from the gauge. Left 3 in neighbour, Wyndham, well. E.g. Stinsford Farm, Dorchester, on practically a direct line between the gauge & Stinsford church).

Two stately houses 16 yds distance to W.

Bank with trees 22 " " " E. unprotected to SW.

meadow " 25 " " " N

Scattered trees on lawn 30 " " " S.

1930. Gauge moved 17th September to other side of house 200 yds. due W.

Position of Station on reduced Ordnance Survey }
Map, 2 miles 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
1923.			Dorchester	1 1/4 m	S. W.	Stinsford	800 yds	S.W.S.

RAINFALL at Dorchester (Birkin House)County of DorsetshireObserver Col. W. H. F. Weber, C.M.G., D.S.O.
(died, 1936).River Basin Frome & C. - 3

Mrs Weber.

Type of Gauge SnowdonAnnual Average 37.4 in. based on 3 years obs. ~~un~~-weighted. Period of average 1881/1915 Ref Survey

16678 565/26

Diameter	5.										
Height	1.0.			9"	1	0					
Altitude	230.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.29	3.61	3.08	2.28	6.64	6.16	6.66	4.35	6.17	3.56	40.80
February	2.86	.05	4.80	.07	3.91	3.99	7.38	1.09	2.61	5.12	31.88
March	1.39	2.59	4.18	3.38	1.20	5.59	5.22	.30	1.24	3.51	28.60
April	3.29	3.38	2.37	2.26	4.83	2.28	2.74	.11	2.21	1.90	25.37
May	3.86	2.54	1.74	.66	1.73	.72	3.78	2.22	.86	2.50	20.61
June	3.50	3.32	.45	1.00	4.40	1.67	.80	.91	2.86	.39	19.30
July	4.27	1.71	3.19	.23	.33	5.45	4.55	2.62	5.70	2.81	30.86
August	4.00	1.08	.72	3.67	3.24	.20	1.36	2.71	2.90	.03	19.91
September	1.82	4.08	2.98	3.57	4.11	2.97	3.04	2.48	1.41	2.68	29.14
October	.45	7.64	2.07	2.73	5.90	2.04	3.98	4.87	7.37	7.19	44.24
November	6.35	2.87	.93	2.13	8.48	3.96	3.12	7.20	8.53	10.23	53.80
December	1.24	1.95	1.29	12.16	6.24	4.31	4.58	4.48	3.14	3.13	43.52
TOTALS	36.32	34.82	27.80	36.14	45.01	39.34	47.21	33.34	45.00	43.05	388.03

1931. Two story mansion 36' high 23 yds. E.
High trees, 18 yds. S.E., 30 yds. S.W., 24 yds. W., 27 yds. N.
1939. Trees 50' high 23 yds away.
House 36' " " " " W

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
1931.			Dorchester	1 3/4 m.	S.W.	Stinsford	800 yds	S.W.
1940			Dorchester	3 mi		Stinsford	1 mi	

Station No. 1579

RAINFALL at Dorchester (Birkin House)

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County of DorsetObserver Mrs WeberRiver Basin Zone 1 C-3Type of Gauge Snowdon BAAnnual Average 37.4 in. based on 3 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref SFile No. 667565/26

Diameter ...	5"				348	909				5"	
Height ...	1' 0"					1				10"	
Altitude ...	230'					51				230'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.57	2.83	1.04	2.03	4.01	5.74	4.70	4.45	6.88	4.02	4.024
February ...	6.09	.77	2.34	4.22	2.69	.15	4.84	3.84	.41	3.69	2.904
March ...	4.76	3.63	.73	4.98	1.78	.88	3.45	1.32	3.97	2.55	2.855
April ...	2.42	2.28	2.61	.10	.90	1.49	.36	.60	2.82	2.88	1.646
May ...	2.79	3.01	3.14	4.35	5.46	.82	3.01	2.95	1.94	1.60	2.907
June48	1.17	3.24	3.09	3.28	2.68	2.62	3.32	1.17	1.88	2.293
July ...	1.86	.97	3.52	2.99	5.16	3.40	5.48	3.01	1.29	4.02	3.174
August ...	6.53	4.44	2.31	3.22	.69	4.97	3.74	2.72	2.28	6.18	3.708
September ...	4.95	4.49	3.98	4.30	1.66	6.68	4.15	5.47	.11	5.70	4.149
October ...	1.12	5.14	4.19	4.02	4.11	2.29	3.31	3.65	4.08	10.66	4.257
November ...	10.19	3.30	2.33	7.35	4.18	.84	3.01	3.37	4.55	6.16	4.528
December ...	3.64	3.84	1.02	3.28	6.40	6.53	3.20	5.72	10.88	4.56	4.907
TOTALS ...	49.40	35.87	30.49	43.93	40.32	36.47	41.87	40.42	40.34	53.90	41.352
	D	D	D	D	D	D	D	D	D	D	

1951 Trees 56' high at 50 yds N.E., House 50' high at 30 yds E.

Inspected 27.4.60 by JBB/hter. Reasonably good etc. Trees 55'-100' N → 50'-80' NE → 60'-100' SE
House 30'-60' SW → 55' W.Trench 1st
TB.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference

5160 7120

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Dorchester	3 m. A.	Stinford	1 m. N.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		c 1923	✓ d 34.35 ✓ 31.33	✓	