

RAINFALL at Dunley Manor;County of Hampshire

Observer.

P.P. Alfred Herbert

E. Dudley

River Basin Test & Portant 4Sir Alfred HerbertSnowdon Rain Gauge, by Short & Mason

Diameter ...								5			
Height								3-8 1/4			
Altitude ...								404			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...									3.48	4.30	
February ...									1.84	2.38	
March									1.13	5.18	
April									3.25	2.29	
May									2.27	.96	
June .....									.83	1.09	
July								#	6.45	1.54	
August								6.32	1.72	3.12	
September...								2.17	6.28	2.59	
October ...								5.24	1.81	1.45	
November..								.67	2.66	2.39	
December...								1.42	2.78	5.66	
TOTALS ..									34.50	32.97	
										2	

Small tree 12 ft. 12 1/2 ft.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51° 16' 43"	1° 20' 56" W.	Saltfield Works	2.400 ft.	E.N.E.	N. Saltfield	3.100 ft.	N. E.

[Whitchurch] 1923

669
20RAINFALL at Litchfield, Dunley ManorCounty of HampshireObserver Sir Alfred HerbertRiver Basin Tesh & Solentper B. GeorgeShroton Rain Gauge, by Short & Mason
M.O.

Diameter ...	5"								5"		
Height	3.10					3.4			1		
Altitude ...	420			500					500		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	3.28	3.31	3.92	2.00	3.74	2.83	4.25	2.74	5.77	1.46	3.99
February ...	.84	.28	3.05	3.94	.38	4.02	2.02	4.43	2.09	.67	.67
March	2.10	1.57	2.40	2.49	1.38	.44	.76	3.60	3.00	.22	1.08
April	4.43	.87	3.17	3.42	3.62	2.81	3.20	2.63	2.04	.97	2.63
May	2.01	2.61	.89	1.69	4.76	4.54	2.11	.85	1.82	1.73	1.63
June	1.78	.07	1.29	.32	2.70	.00	2.48	3.26	2.50	1.68	1.28
July	6.55	.36	4.16	1.11	5.50	3.49	2.30	4.21	1.86	1.55	2.84
August	1.70	1.84	3.09	3.06	3.62	2.24	1.36	4.16	2.05	.95	2.82
September...	1.84	1.30	1.87	2.02	5.26	3.35	1.18	6.34	1.67	.62	3.13
October	3.15	1.01	1.28	6.51	4.45	3.68	2.67	2.60	6.05	3.36	2.19
November...	1.67	2.32	1.65	2.27	3.07	2.16	7.13	4.02	3.19	8.32 ⁴	4.26
December...	2.82	1.71	3.30	4.13	4.66	3.41	.59	(4.00)	3.02	7.75	3.71
TOTALS...	32.17	17.25	30.07	32.96	43.14	32.97	30.15	42.84	35.06	29.28	30.23
	D	D	D	D	D	D	D	D	D	D	D

1920 middle of vegetable garden
Yuccas 75-100 yds all round
1921 " 10-20 ft high 20-75 ft " "

1927 Dec cov for snow.

1928 Gauge moved 30 yards east.

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	51° 16' 43"	1° 20' 58"	Litchfield	1/2 mi	N.E.	St James	1/2 mi	N.E.
1928			"	2	E.N.E.	Litchfield	2 mi	E.N.E.

RAINFALL at Whitchurch (Dunley Manor)County of HampshireObserver Sir Alfred HerbertRiver Basin Test & Solent H

Type of Gauge

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

A202131/42

Diameter	5											
Height	1	0										
Altitude	500	(off 400)										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.02	2.81	3.04	2.45	.73	5.14	5.74	2.84	(5.55)	2.77	3309	
February	2.26	.19	4.25	.13	4.40	2.59	5.74	.55	(1.44)	2.60	2417	
March	.34	2.23	3.20	3.23	.65	2.42	3.37	.25	1.28	2.60	1957	
April	3.09	3.16	1.86	2.65	4.30	2.16	2.78	.04	2.96	.92	2392	
May	2.94	6.15	1.90	1.02	1.21	.75	3.52	1.42	1.43	.76	2110	
June	2.43	1.81	3.38	1.46	7.12	2.82	1.70	.86	1.76	.79	2413	
July	4.16	2.74	2.50	1.59	1.47	4.67	1.52	2.15	5.63	3.15	2958	
August	3.60	1.31	0.37	2.98	2.60	.79	1.10	3.54	1.72	-	1801	
September	2.48	4.40	2.73	2.20	4.65	2.78	2.39	1.26	0.94	2.28	2611	
October	.77	4.68	2.47	1.48	3.93	2.38	4.30	3.72	4.74	3.66	3213	
November	3.47	1.77	0.86	2.24	6.04	3.63	1.82	4.16	6.07	7.00	3706	
December	.90	1.40	0.44	9.43	3.60	3.21	3.12	3.29	(1.60)	1.91	2590	
TOTALS	23.46	32.65	27.00	30.86	40.78	33.34	37.10	24.08	35.14	28.44	31777	(50)

1931. Fruit trees 6'-8' high, $\frac{1}{2}$ yds. N.

1932. Snow to north of gauge.

1939. Values in brackets interpolated.

1940. Jan. adjusted for snow.

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.			Litchfield	$\frac{1}{2}$ m.	N.E.	Litchfield	$\frac{1}{2}$ m.	N.E.

Station No. M 669RAINFALL at Whitchurch (Dunley Manor)

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County of HampshireObserver Sir Alfred HerbertRiver Basin Test & Solent - 4

Type of Gauge.....

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

" " 30.8in computed by Mr. Conish (1936) File No. A 202131/42

Diameter	5'				326	866					
Height	1' 0'					1					
Altitude	500'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.00) 1.17	(3.28)	5.78	2.16	1.58	2.46	2.39	6.40	1.18	1.57	
February	(3.00) 1.17	(6.63)	1.52	.51	2.60	3.05	1.50	1.06	1.53	4.57	
March	(3.30) 2.20	2.25	.55	.69	.80	1.27	5.39	1.00	1.77	1.37	
April	(2.62) 1.90	2.06	1.10	1.58	1.03	2.47	2.24	1.42	1.53	2.80	
May	(1.50) 1.62	3.65	2.92	.58	2.46	3.34	1.32	4.55	3.58	2.44	
June	(1.61) 3.10	.11	2.34	2.79	3.72	3.76	1.69	2.16	.36	1.46	
July	(2.39) 2.39	1.87	2.18	3.54	1.51	1.30	1.93	1.29	1.52	4.90	
August	(5.00) 5.00	3.91	2.57	1.92	1.98	4.73	.45	3.66	1.15	4.05	
September	(1.30) 1.30	1.86	1.69	2.59	2.44	6.40	1.41	2.66	2.65	4.33	
October	(1.50) 1.50	4.05	4.54	5.32	3.85	2.24	.67	2.66	7.16	.63	
November	(3.00) 3.00	1.72	1.99	5.69	.19	6.31	1.72	1.95	3.69	6.51	
December	(1.70) 1.70	4.47	2.10	2.41	4.54	2.92	3.37	4.28	1.70	1.80	
TOTALS	(24.50) 24.50	(29.86)	29.28	29.78	26.70	40.25	24.08	33.09	27.82	35.43	

1. Jan & Feb corr'd. for snow.

1946. Fruit tree 6'-8" high 3 1/2 yds N of gauge. Ground to N.

entr'd Laurelside tele 664/5

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
1948.			Litchfield	1/2 mile		Litchfield	1/2 mile	

BRITISH RAINFALL ORGANIZATION

Station No. 669

M

RAINFALL at WHITCHURCH (DUNLEY MANOR)

51

County of HAMPSHIRE

Observer Sir Alfred Herbert (died 1957)

River Basin Test & Solent - 4

Messrs Knight, Fox & Bartholomew

Type of Gauge B.A. 5" + 110 M.H. 25/1/60

Major R.G. Haslam - Jones

Annual Average... in. based on... years obs. un-weighted. Period of average... Ref. S
 " " 30.8 " computed by M. G. Smith 1936 ref 4. 561245/36 > Period of 1916-50
 " " 32.04 " based on 26 years obs. within 1928-56 File No. H202131/42

Diameter ...	5"				326	864			5"		
Height ...	1'0"					1			1'5"		
Altitude ...	500'					51			4'5'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.30	2.28	1.22	1.48		5.54	2.16	3.62	4.00	3.82	
February ...	5.93	.72	1.95	3.21		.16	3.22	2.68	.17	3.19	
March ...	4.27	2.99	.43	2.64		1.11	2.02	1.41	3.71	1.66	
April ...	3.93	2.24	3.34	.33		1.84	.25	1.03	3.29	1.04	
May ...	3.21	3.56	1.92	2.07		.39	1.74	2.33	.59	1.52	
June ...	.58	1.51	2.26	3.79		1.69	1.97	3.27	1.06	3.10	
July ...	1.52	.74	3.54	2.88		3.91	4.81	2.20	1.88	4.29	
August ...	5.36	3.57	2.64	3.94		5.23	2.97	3.26	2.26	3.80	
September ...	3.76	3.03	2.91	2.83		4.06	3.36	4.82	.06	3.65	
October ...	.96	5.57	3.62	2.78		2.08	2.93	4.01	2.74	10.03	
November ...	7.77	3.72	1.97	5.83		.41	2.25	3.17	3.44	4.28	
December ...	2.67	2.79	.86	2.34		4.46	3.63	3.30	6.22	4.50	
TOTALS ...	43.25	32.72	26.66	34.12		31.18	31.31	35.10	29.42	44.88	
	D	D	D	D		D	D	D	D	D	

1951. Haslam 6-8ft 3 1/2 yds N. 1954 Sir Alfred Herbert's see submitted m. cards to end of year. Property sold to Eagle Star Ins. Co. & managed by Agents.

1954 Record taken over by tenant - Maj. R.G. Haslam - Jones.

Installed 15.11.59 by Mr J.B. Haslam. Gully 10' by line of silver birch 70' - 15' S to WNW. Orchard trees 12' - 13' WNW to E. Border plants S to S-E to S. Overlap gauge at new site rec. - M.H. gauge installed 25/1/60 by J.B. Haslam.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SU(41) 452531

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Ditchfield	1/2 m.	Ditchfield	1/2 m.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	c imp 17	✓	✓	✓ NP imp 41	✓
	✓	✓	✓ but d 38-44	but d 42-45	