

## RAINFALL at Dunley manor;

County of Hampshire

Observer

P.P. Alfred Herbert

S. Dudley

River Basin Test &amp; Solent 1/4

Sir Alfred Herbert

Snowdon Rain Gauge, by Short &amp; Mason

Diameter ...											
Height .....											5'
Altitude ...											3.84
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...											3.48
February ...											1.84
March .....											1.13
April .....											3.25
May .....											2.27
June .....											.83
July .....											6.45
August .....											6.32
September...											2.17
October ...											5.24
November...											.67
December...											1.42
TOTALS ...											34.50
											32.97

Small tree 12 ft. 12 1/2 ft.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51° 16' 48" N	0° 20' 58" W	Litchfield Hants.	2.400 ft.	E.N.E.	N. Litchfield	3.100 ft.	N. E.

[Whitchurch] 1923

669  
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## RAINFALL at Litchfield, Dunleary Manor

County of Herefordshire Observer Sir Alfred Herbert

River Basin Tew &amp; Solent + per B. George

Snowdon 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	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	4.4	.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	2.20	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	.66	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	4.13	4.02	3.19	8.32	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	37.97	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  
Years 75-100 yds all round

1921 " 10-20 ft high 20-75 ft "

1927 Dec. snow for snow.

1928 Gauge moved 30 yards east.

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

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 16' 45"	1° 20' 58"	Litchfield	1/2 mi	N.E.	St. James	1/2 mi	N.E.
1928	"	"	"	2	E.N.E.	Litchfield	2 m	E.N.E.

## RAINFALL at Whitchurch (Dunley Manor)

County of Hampshire

Observer Sir Alfred Herbert

River Basin Test + Solent 14

Type of Gauge

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

A 202131/42

Diameter	5										
Height	10										
Altitude	500 (approx)										
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	2.89	5.74	.55	(1.46)	2.60	2417
March	.34	2.23	3.20	3.23	.65	2.42	3.31	.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	2890
TOTALS	28.46	32.65	27.00	30.86	40.70	33.34	37.10	24.08	35.14	28.44	31777

1931. Fruit trees 6'-8' high, 32 yds. N.

1932. In road of gauge

1939. Values in brackets intercalated

1940. Jan. adjusted for snow.

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	Parish Church	Distance from gauge	Direction
1931.			Litchfield	½ m.	N.E	Litchfield	½ m.	N.E

Station No. M 669

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## RAINFALL at Whitchurch (Dunley Manor)

County of Hampshire Observer Sir Alfred Herbert

River Basin Test &amp; Solent - 4

Type of Gauge.

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

30.8 in comp. by Met. Office (1936) File No. A.202121/12  
B.50249786

Diameter	5'	Do NOT publish		326	806						
Height	1' 0'					1					
Altitude	500'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(300) 1.17	(3.28)	5.78	2.16	1.58	2.46	2.39	6.40	1.18	1.57	
February	(300) 2.17	(6.3)	1.52	.51	2.60	3.05	1.50	1.06	1.53	4.57	
March	(300) 3.02	2.25	.55	.69	.80	1.27	5.39	1.00	1.77	1.37	
April	(200) 1.90	2.06	1.10	1.58	1.03	2.47	2.24	1.42	1.53	2.80	
May	(200) 1.50	3.65	2.92	.58	2.46	3.34	1.32	4.55	3.58	2.44	
June	(200) 3.10	.11	2.34	2.79	3.72	3.76	1.69	2.16	.36	1.46	
July	2.89	1.87	2.18	3.54	1.51	1.30	1.93	1.29	1.52	4.90	
August	(5.00)	3.91	2.57	1.92	1.98	4.73	.45	3.66	1.15	4.05	
September	(5.00)	1.86	1.69	2.59	2.44	6.40	1.41	2.66	2.65	4.33	
October	(1.50)	4.05	4.54	5.32	3.85	2.24	.67	2.66	7.16	6.63	
November	(3.00)	1.72	1.99	5.69	.19	6.31	1.72	1.95	3.69	6.51	
December	(1.70)	4.47	2.10	2.41	4.54	2.92	3.37	4.28	1.70	1.80	
TOTALS	2450 m.p. d.p.	(29.86)	29.28	29.78	26.70	40.25	24.08	33.09	2782	35.43	

2 Jan &amp; Feb corad. for snow.

1946. Frost lines 6-8' high abt 35 yds N of gauge. Garden to N.

Internal Rainfall total 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	Parish Church.	Distance from gauge.
1946			Litchfield	½ mile	Litchfield	½ mile

Station No. 669

M 51

## RAINFALL at WHITCHURCH (DUNLEY MANOR)

County of HAMPSHIRE

Observer SIR ALFRED HERBERT (dead 1957)

River Basin TOT. 9 SOLENT - 4

Messrs Knight, Frank & Rutter,  
Major R.G. Maslen-Jones.

Type of Gauge B.A. 5" + 10 MIL 25/1/60

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

Ref.

" 30.6 " computed by McCann 1946 ref f. 561245/36 Pov. of J.F. 1916-50 S

" 32.04 " based on 26 years obs. Within 1928-56 File No. A 202181/42

Diameter	5"				326	80dp			5"		
Height	1' 0"						1		1' 5"		
Altitude	500'						51		415'		
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		.71	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. Years 6-8ft 3½ yds N. 1959 Sir Alfred Herbert see. submitted in cards to end of year.  
Property sold to Eagle Star Ins. Co. managed by Agents.

1959 Record taken over by tenant Maj. R.G. Maslen-Jones.

Installed 10-11-59 by Mr. G. Blundell. Bodily off by line of silver birch 70°-15° S to WNW. Orchard trees 12°-12° WNW-E  
Bentle plants 8°-15° E-S. Overlap gauge at new site rec. - 11kts gauge installed 25/1/60 by Blundell.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SU(4) 4523

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Litchfield	1/2ml.	Litchfield	1/2ml.

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 38-49 / b/w d 42-45