

1974

80

RAINFALL AT Pensford Sutton Court

Lat.

Lon.

County of

Somerset

Rain Gauge, by

Observer

Sir E. Strachey Bart

L. am - 1.

Diameter									8			
Height									1.0			
Altitude												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January									92	1.02		
February									1.92	1.88		
March									3.94	4.52		
April									2.55	4.35		
May									2.08	4.22		
June									3.73	.83		
July									8.16	2.82		
August									2.44	4.74		
September...									1.26	1.21		
October									1.35	3.43		
November...								# 3.38	7.28	1.75		
December ...								3.20	3.51	2.03		
TOTALS									39.14	32.80		

RAINFALL AT Pensford Sutton Court

Lat. _____

Lon. _____

County of _____

Somerset

Rain Gauge, by _____

Observer _____

W. E. Strachey Bart

L. Avon - 1.

Diameter	8											
Height	10											
Altitude ....	...					280						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.38	3.61	1.91	3.11	3.45	4.39	.65	2.30	.87	6.80	3.147	
February ....	.79	.01	2.13	5.29	3.87	.18	.71	3.30	3.03	4.65	2.296	
March	1.18	3.35	1.08	.39	2.86	3.37	4.22	5.23	.95	1.31	2.394	
April	2.18	1.33	1.24	.13	2.82	3.25	1.01	3.59	2.43	4.15	2.212	
May	2.39	3.99	.95	1.36	1.94	.99	.33	1.64	4.12	2.45	2.016	
June	4.29	2.32	2.72	1.06	2.70	.68	1.62	2.42	2.59	1.04	2.144	
July	4.08	3.37	3.34	4.96	5.49	4.15	1.47	1.74	.47	1.00	3.007	
August	3.86	7.62	5.24	1.75	2.93	3.73	2.40	5.57	2.55	1.60	3.725	
September....	1.86	2.37	3.60	2.59	2.83	1.17	7.96	4.32	1.53	5.07	3.220	
October	1.58	9.31	3.66	5.08	3.65	4.97	3.71	1.80	5.51	4.06	4.233	
November....	3.03	3.68	2.77	3.00	6.40	7.16	1.08	2.32	4.64	4.35	3.843	
December	2.16	6.49	1.81	4.12	3.21	3.24	5.84	6.31	5.12	3.20	4.150	
TOTALS	31.78	47.45	30.45	32.84	42.15	37.28	31.00	40.54	33.81	39.68	36.698	

RAINFALL AT

Pensford Sutton Court

1874

Lat.

Lon.

County of *Somerset North*

Rain Gauge, by

Observer *S. E. Shackley Bart*

L. won - 1.

Wm. T. Burgess

Diameter ..	8										
Height	10										
Altitude ..	280										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.93	2.64	1.77	4.72	4.34	.86	5.55	1.72	1.71	1.57	3.081
February ..	8.02	1.46	1.08	2.38	4.91	1.03	2.99	1.88	1.93	.66	2.634
March	1.90	3.19	2.11	5.79	2.32	5.28	2.28	1.00	3.68	3.28	3.093
April	2.28	3.29	1.52	3.12	2.51	2.65	1.11	3.92	2.57	2.65	2.562
May	2.94	1.19	2.40	3.48	3.20	.09	3.32	2.91	1.82	2.14	2.349
June	2.82	1.85	3.31	5.65	1.78	4.23	2.87	3.13	.81	3.96	3.041
July	1.03	2.16	2.27	2.32	2.88	.58	1.42	3.22	3.42	3.20	2.550
August	3.95	1.88	3.66	5.57	3.31	3.93	2.21	2.96	5.49	2.64	3.560
September ..	1.08	2.04	1.92	3.16	1.56	1.93	1.04	.88	2.67	2.96	1.934
October	4.29	2.25	2.28	8.86	1.27	2.12	6.06	5.69	2.30	6.00	4.112
November ..	4.36	.75	3.22	2.47	2.44	3.37	3.62	3.18	1.30	1.67	2.638
December ..	8.78	6.44	2.98	4.08	2.01	1.31	1.94	6.24	3.03	5.34	4.215
TOTALS ..	47.38	29.14	28.52	51.60	32.53	27.38	34.41	36.73	30.73	36.17	35.450

D D D D D D

1905 *Stoney Church* 1/2 mile S
Chilton Station 1 1/2 " E

HUB

RAINFALL at Pensford SuttonfordCounty of SomersetObserver Sir E. Stacker Bart M.P.River Basin Lower Avon 12nd Stacker
G.P. Hiett (1910)

Rain Gauge, by _____

Diameter ...	8										
Height	1.0										
Altitude ...	280										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	4.00	1.97	5.45	5.44	1.29	4.19	2.76	1.00	3.92	5.00	
February	5.92	2.64	3.33	1.24	3.98	6.31	6.15	.98	2.21	3.08	
March	1.01	3.43	6.89	4.83	5.42	.98	5.00	3.56	1.22	5.14	
April	3.18	2.25	.27	3.69	2.23	1.29	1.60	2.01	2.94	2.24	
May	2.02	1.22	2.33	2.58	1.64	3.55	3.59	2.29	1.59	.69	
June	5.58	1.85	3.98	1.13	2.35	.91	2.89	4.30	1.33	.80	
July	3.16	.24	3.68	.72	4.30	4.65	.89	2.57	6.40	2.44	
August	7.45	2.58	7.73	1.25	2.37	3.30	5.74	9.24	2.41	3.31	
September	.29	1.35	.74	3.33	1.68	1.89	2.27	3.41	8.95	1.66	
October	6.97	3.53	5.49	3.29	2.75	4.49	6.72	6.54	1.91	2.40	
November	6.34	4.77	2.08	3.85	4.28	2.46	4.13	1.07	2.71	2.31	
December	7.22	8.36	6.37	2.37	7.89	7.16	4.71	.68	4.82	7.62	
TOTALS	53.14	34.19	48.34	33.72	40.18	41.18	45.95	37.65	40.41	36.69	
	D	T	T	T	T	T	T	T	T	T	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Chilton	2 miles	E	Stowey	1 mile	S

RAINFALL at Penaford (Lutton Court)County of DevonObserver Lord AltrinchamRiver Basin 1 - L. AvonE.R. Hallett plus 1.1.77
F. Ford (27)Glaisher Rain Gauge, by

Diameter ...	8										
Height	1.0										
Altitude ...	280										
Year	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1930 MEANS.
January ...	5.14	4.59	3.82	2.38	4.04	4.31	5.00	(4.00)	5.47	.65	5.42
February ...	1.53	.08	5.28	8.75	.58	5.12	2.50	(3.46)	3.36	1.91	1.17
March	2.92	2.05	3.78	1.71	1.80	.40	1.30	3.36	3.47	.25	2.36
April	7.08	.99	3.22	2.92	4.34	1.91	3.70	1.66	.70	1.20	2.78
May	2.62	2.34	.89	1.47	5.07	5.62	3.10	.95	1.04	2.57	1.88
June	3.77	.28	1.94	.56	3.27	.00	2.90	3.71	2.53	2.03	.61
July	6.04	.62	4.42	1.53	4.24	4.58	4.70	5.22	3.89	1.24	2.81
August	1.55	2.05	4.34	4.45	4.26	3.98	2.70	6.03	3.84	3.88	5.27
September...	1.07	1.26	3.02	3.66	3.57	3.76	1.50	6.72	1.70	.49	4.91
October	3.04	1.19	1.67	5.40	6.28	4.49	4.90	2.95	6.48	6.24	3.68
November...	2.24	2.26	2.15	4.21	3.59	2.84	8.00	2.96	4.17	9.82	5.56
December...	2.24	2.72	5.46	3.89	5.80	4.55	.70	2.76	4.30	8.81	3.78
TOTALS...	39.27	20.43	39.99	40.93	46.84	41.56	(41.00)	(43.79)	40.95	39.09	40.23

1915. Cottage 30ft. x 45 ft. E.
 Glasson 18" x 40" N.
 Wall 15ft. high 70ft. W.
 " 10" " 60"

1977

1927. Jan. 2 ft. ctd. by interpolation

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
			Penaford	2 miles 3 "	E. NE.	Stowey	1 mile	SE.

RAINFALL at Pensford (Sutton Court)County of SomersetshireObserver Lord Strachie Decemal 27/7/36River Basin Lower Avon - 1M. F. Ford (Head Gardener)Type of Gauge GlaisherLord Strachie (1940)Annual Average 37.7 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. S

769954/27

Diameter	8.										
Height	1.0.										
Altitude	280.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.52	4.41	5.00	2.94	1.05	4.37	5.30	4.84	5.58	2.86	36.87
February	3.30	.09	3.86	.37	3.35	3.00	6.27	1.53	2.23	2.72	26.92
March	1.04	2.24	3.70	2.52	.93	3.05	4.78	.30	1.78	2.90	23.24
April	2.82	3.78	1.06	2.85	4.96	2.40	2.70	.27	4.10	2.05	26.99
May	3.89	6.12	1.86	1.54	1.64	1.32	3.31	2.25	1.23	3.53	26.69
June	3.14	1.63	1.98	1.57	5.42	3.11	1.39	1.26	2.58	.63	22.71
July	4.78	4.35	1.74	2.62	.82	6.70	5.04	3.71	4.52	4.91	39.19
August	4.72	1.22	1.89	3.73	1.53	.54	.95	4.10	2.85	.22	21.75
September	1.59	5.25	2.56	2.25	7.60	3.64	2.27	3.10	1.07	1.70	30.53
October	.99	7.27	2.54	2.80	6.18	1.98	3.67	8.11	3.58	4.79	41.91
November	4.72	2.11	0.65	1.79	7.62	4.55	2.19	6.30	8.07	9.01	47.01
December	1.70	2.30	1.32	3.73	4.31	4.35	2.25	4.34	3.89	1.74	32.93
TOTALS	35.21	40.77	26.16	38.21	43.41	39.01	40.32	40.11	40.48	37.06	376.74

1931. Cottage 30' high 45' E
 Glasshouse 18 " 40' N
 Wall 15' high 70' W
 " 10' " 66' S

1936. Lord Strachie died 27.7.36.

Inspected 8/3/4 - Gauge of Glaisher pattern and not longer standard.
 Funnel leaking at two seams and replacement by standard gauge recommended.
 Pressure reads about .01 in. too much above .30 mark.
 Exposure of gauge considered excellent but latter should be set up
 so that rim is 1 ft above ground.

adj to penstock
 broken 1978

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			Pensford	3 m	NE	Stowey	1 m	SE

Station No. M 1974RAINFALL at Penzance (Sutton Court)

41

County of Somersetshire Observer Lord StracheyRiver Basin Lower AvonType of Gauge GlaisherAnnual Average 37.0 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. P 338File No. 769954/27

Diameter	8"				416	950						
Height	1' 0"					1						
Altitude	280'					441						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.30	3.39	6.52	2.31	2.87	3.12	2.49	4.14	1.12	5.54	33.13	
February	3.20	3.32	1.92	1.87	3.45	3.43	1.81	2.00	1.52	7.19	25.71	
March	3.40	2.38	1.14	1.44	1.33	1.99	6.42	1.48	1.33	1.52	21.03	
April	1.21	1.59	1.28	2.65	1.05	2.87	3.02	2.11	1.96	3.02	20.76	
May	1.42	6.53	2.83	1.33	2.87	4.32	2.89	4.26	3.97	2.54	32.96	
June	2.55	7.01	1.86	2.54	4.27	4.22	2.32	2.88	3.38	1.67	23.39	
July	1.36	3.65	2.52	2.50	1.64	1.32	2.24	1.95	1.20	6.57	24.95	
August	5.90	3.91	4.75	2.66	2.70	4.65	1.03	4.43	2.16	5.05	37.54	
September	5.56	2.09	2.36	3.33	2.82	5.03	1.95	3.10	1.75	5.56	28.55	
October	2.03	4.51	3.13	5.95	4.38	1.07	5.55	4.61	7.02	1.82	35.07	
November	2.71	1.82	2.77	6.95	4.45	7.15	2.68	1.96	4.08	6.81	37.38	
December	2.19	4.01	2.14	3.58	6.06	3.67	2.53	5.35	2.18	2.86	34.57	
TOTALS	29.83	34.90	33.22	35.11	33.89	41.84	30.53	41.90	28.67	45.15	355.04	

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

BRITISH RAINFALL ORGANIZATION

Station No. 1974

RAINFALL at Pensford (Sutton Court)

51

County of Somerset

Observer Lord Strachie

River Basin Lower Avon - 1

Type of Gauge Glaisher

Annual Average 37.0 in. based on 13 years obs. unweighted. Period of average 1881-1915 Ref. PB 380
37.83 37 87 with 1916-54
(not applicable 1955-57)

File No. 769954/27

Diameter ...	8"				4 1/8	950					
Height ...	1' 0"					1					
Altitude ...	280'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.24	3.30	.65	2.65	4.23	6.19	2.47	4.22	5.70	504	37.69
February ...	4.57	.89	1.65	3.64	3.09	.41	3.80	6.59	.40	3.71	28.75
March ...	3.54	3.45	.75	4.07	1.66	2.02	2.79	1.57	4.46	3.73	29.94
April ...	3.66	2.00	3.62	.56	1.89	2.52	.14	1.67	4.29	2.64	22.99
May ...	2.87	4.18	2.70	2.43	5.83	1.25	2.88	4.13	1.73	1.33	29.33
June ...	.93	2.77	2.21	4.67	4.15	3.80	2.40	4.19	2.11	6.35	33.58
July ...	1.65	.95	3.50	3.82	.37	3.07	5.29	4.49	2.57	833	34.04
August ...	5.89	5.33	3.63	3.28	1.14	4.70	6.14	6.07	1.75	6.36	44.29
September ...	2.66	3.91	3.56	6.37	3.49	5.61	6.02	7.33	.33	5.64	44.92
October ...	1.10	5.14	2.57	4.38	2.22	2.69	4.97	3.85	3.95	9.82	40.69
November ...	8.82	4.43	2.08	8.00	5.19	.84	4.62	3.03	6.90	7.59	51.50
December ...	2.85	3.01	1.10	2.99	6.65	3.18	3.06	7.21	9.85	6.37	45.27
TOTALS ...	41.78	39.36	28.62	46.36	38.81	36.23	44.58	54.35	44.04	66.91	44.099
	D	D	D	D	D	D	D	np	np	np	

1956: Printed with query appears ~~very~~ very high. Type of gauge - (see over)

1958:- np big

1959:- np big

1960:- np big

np 1962 Dublin glaisher, eff. ch. d. 9 1/2 in.

11/73

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference ST(31)597604

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ but -17	20-25 27-30 but d 27	✓	✓	