

1995

RAINFALL AT *Failand House* [*Bristol*]

Lat. _____

Lon. _____

County of *Somerset**Side-tube* Rain Gauge, by *L. avon - 1.*Observer *Miss Fry*

Diameter				12						5	12
Height				2 10						1 0	2 10
Altitude				420T						400	420
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1899 Means.
January					2.64	3.43	.53	1.75	1.18	5.11	#
February					4.13	.13	.61	3.69	1.36	3.91	2.47
March					2.37	2.08	3.36	3.89	.89	1.11	.96
April					1.78	2.49	.68	3.47	2.04	4.09	3.83
May					2.14	.77	.49	2.27	2.92	2.00	1.87
June					2.25	.72	2.08	2.74	1.04	1.58	1.46
July					5.18	3.30	.93	2.13	.71	.42	.38
August					3.30	3.61	1.95	7.46	3.68	2.26	2.14
September....					3.09	1.21	6.74	3.62	1.39	3.77	3.45
October				#	3.87	3.62	4.20	4.92	1.32	6.43	3.95
November....					2.18	5.60	4.66	.68	2.23	2.86	3.03
December					2.49	2.69	2.86	3.69	4.73	4.05	3.17
TOTALS . . .					38.79	29.46	26.66	39.30	28.55	34.40	

Easton in Gordano Church 1 1/2 miles NNW
1894 May 31 Gauge moved 200 ft S.W.
1899 Jan 16 Gauge moved 6 ft 6 in and a new gauge
fixed 1 ft. above ground on the old spot.

1995

RAINFALL AT Failand House [Bristol]

Lat.

Lon.

County of Somerset

North

L. am - 1. Sumner Rain Gauge, by Duncombe Observer Miss Fry
New Gauge

Diameter ..	5										
Height	10										
Altitude ..	400			385 J							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.19	1.98	2.15	4.69	3.89	.66	4.89	2.02	1.75	1.57	2879
February ..	5.97	1.07	.87	1.79	4.06	.84	2.44	1.95	1.97	.58	2149
March	1.11	2.67	1.86	4.48	1.84	4.45	2.67	1.13	3.27	3.67	21715
April	1.45	3.23	1.51	3.48	2.28	2.82	1.32	3.17	2.42	2.98	21566
May	2.25	1.35	2.11	3.19	2.99	.13	2.44	2.98	2.95	1.76	21215
June	2.41	2.06	3.25	3.81	1.69	4.31	2.94	3.51	.62	3.49	21209
July	1.15	3.01	1.45	1.73	3.93	.99	1.48	3.36	2.60	3.10	21280
August	3.14	2.83	4.11	4.25	3.78	3.66	2.95	2.86	4.72	2.98	3528
September ..	1.21	1.86	2.27	3.65	1.76	1.30	.94	.74	2.63	3.38	1974
October	4.86	2.07	2.87	8.29	1.73	2.28	6.64	5.89	1.81	7.35	4379
November ..	3.49	.55	2.76	1.97	2.26	2.69	3.32	3.45	1.13	1.55	21317
December ..	6.37	5.63	3.18	3.11	2.62	1.13	1.58	5.78	2.65	5.60	3765
TOTALS ..	38.60	28.31	28.39	44.44	32.83	25.26	33.61	36.84	29.62	37.96	33576

D D D D D D

H. H.

1903 January 1st Gauge moved 600 ft N

St George's Church 1 mile 3 furlongs N.N.W

Pill Station G.R. 1 .. S .. N.N.E

Gauge in middle of large field

+ Inspected

RAINFALL AT Failand House [Bristol]

Lat.

Lon.

County of Somerset North

Rain Gauge, by

Observer Miss Fry

Lawn - 1. Old Gauge

Diameter ..	12										
Height	2.10										
Altitude ..	400			385							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.62	1.88	1.99	4.29	3.64						
February ..	5.51	.92	.74	1.76	3.83	.68					
March ....	.97	2.25	1.71	4.24	1.48	4.21					
April	1.36	2.98	1.42	3.14	2.15	2.52					
May	1.96	1.19	1.96	2.82	2.74	.09					
June	2.21	1.98	3.11	3.44	1.64	4.03					
July	1.04	2.85	1.39	1.55	3.57	.81					
August	3.00	2.70	3.87	4.08	3.51	3.40					
September..	1.11	1.70	2.14	3.28	1.56	1.16					
October....	4.39	1.79	2.68	7.57	1.50	1.98					
November..	3.13	.42	2.58	1.80	2.02	2.35					
December ..	5.84	5.16	3.01	2.86		.95					
TOTALS ..	35.14	25.83	26.60	40.83							

1903 January - 1st Gauge moved 600 yds to field
 51 George Church Church 1 mile 3 furlongs N.N.W.
 Bill Station 1.5. N.N.E.
 1905 January Gauge under repair

RAINFALL at Failand House [Bristol]

County of Somerset Observer Miss Agnes Fry
 River Basin Lower Avon 1
Sunder Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	3857		410?	385							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.21	1.59	4.42	6.83	1.43	3.19	3.13	1.00	2.93	4.74	
February ...	4.34	2.59	2.12	1.13	3.50	4.10	5.09	1.60	2.20	3.25	
March .....	.78	2.78	4.51	3.80	4.80	1.28	3.60	3.33	1.76	5.57	
April	2.99	2.11	.28	3.12	1.48	1.43	1.57	1.58	2.37	1.89	
May	2.12	1.00	2.69	2.67	2.19	4.23	4.47	2.39	2.14	.21	
June	5.18	2.35	5.07	1.38	2.34	.99	3.52	3.08	1.28	1.55	
July	2.27	.08	4.30	.60	4.37	5.36	1.53	2.27	4.95	2.48	
August	6.63	2.29	8.02	1.63	2.66	1.85	4.83	8.90	2.87	3.27	
September ..	.30	1.38	.59	3.81	1.96	2.19	1.75	3.36	10.81	2.09	
October ...	5.07	2.72	4.67	2.67	2.28	4.12	8.59	6.47	2.17	2.69	
November ..	4.97	4.23	2.18	3.45	4.42	1.91	3.33	1.30	2.34	2.17	
December ...	5.38	7.12	6.53	1.84	6.63	6.71	4.65	.75	5.00	6.64	
TOTALS ...	43.24	30.24	45.38	32.93	37.96	37.36	46.06	36.03	40.92	36.55	
	7	0	7	2	7	2		2	2	2	

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.27.20	2.41.30 W	<u>Pail</u> <u>gwr</u>	1 7/8	NNE	<u>Stordans</u> <u>Easton</u>	1 3/8 m	NNW

RAINFALL at Failand HazeCounty of LongfordObserver W. J. H. H. H.

River Basin

1 - L. Anan(1920) University of BristolG. R. J. Bowington Esq.Shannon Rain Gauge, by(1927) Jan 20

Diameter ...	5										
Height	1.0										
Altitude ...	585										390
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means
January ...	5.16	3.78	3.34	2.64	5.53	3.29	5.83	4.17	6.55	1.32	5.17
February ...	2.12	3.5	4.81	7.14	5.4	4.44	2.27	3.78	3.95	1.12	6.5
March	2.85	2.32	2.79	1.62	1.74	4.9	6.5	3.16	3.19	7.1	2.58
April	4.41	8.8	2.79	3.00	3.37	1.95	3.02	1.56	1.34	8.7	2.95
May	1.98	2.20	1.00	2.32	5.10	5.27	3.10	1.30	.92	2.77	1.55
June	4.23	2.5	2.04	6.8	3.72	.00	2.75	3.56	3.50	2.38	1.06
July	5.46	.95	5.10	2.70	(5.80)	3.97	2.82	5.76	3.64	2.01	3.70
August	2.66	3.46	5.07	5.06	5.58	3.39	3.38	4.10	2.82	4.36	4.91
September...	2.00	4.86	2.71	3.20	4.48	3.57	2.23	6.59	1.21	5.7	4.26
October	3.07	1.88	1.49	5.68	6.77	4.13	4.90	2.90	6.41	6.71	4.30
November...	2.31	2.50	1.75	3.23	3.43	1.94	7.88	3.73	4.18	10.12	4.65
December...	3.54	2.94	5.35	2.75	5.64	4.54	.62	2.46	3.88	8.15	3.49
TOTALS...	46.79	26.37	38.24	40.02	51.70	36.98	39.45	43.07	41.59	41.09	39.27
	2	3	3	3	3	3	3	3	3	3	3

1924 Max. 21" 5 July 20" compared with 3 amounts each by max. 2122.

1925. Gauge in middle of field.

1929 Gauge in open field sloping N with open iron railings a few feet off in east direction

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
	51° 22' 30"	2° 40' 30"	Pill (S.W.A.)	1 1/2	N.W.E.	Easton & Jordan	1 1/2 m.	N.W.W.

RAINFALL at Failand HouseCounty of SomersetshireObserver University of Bristol.River Basin Lower Avon - 1.H. G. Tanner Esq. (1937)

Type of Gauge

Annual Average 34.6 in. based on 17 years obs. un-weighted. Period of average 1881/1915 Ref. S

4623/30

Diameter	5.										
Height	1.0.										
Altitude	390.				380						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.81	4.91	3.75	2.54	.88	3.81	3.83	5.32	5.26	2.99	35.10
February	2.08	.09	3.86	.40	3.06	2.48	5.04	1.11	1.96	2.62	22.70
March	1.01	2.47	3.01	2.26	.57	2.77	2.74	.67	1.88	3.42	20.90
April	2.64	3.36	1.07	3.10	5.10	2.90	2.83	.23	3.23	2.61	27.07
May	4.07	6.89	2.36	1.72	1.18	1.36	2.41	1.91	1.18	2.94	26.02
June	3.95	1.57	1.30	1.69	4.37	4.65	1.65	1.82	2.28	1.12	24.40
July	5.16	3.81	2.10	1.79	1.78	6.10	3.92	3.43	5.56	8.98	42.63
August	4.13	1.70	1.40	3.02	2.34	.71	1.43	4.36	3.65	.22	22.96
September	1.79	6.60	2.79	3.01	8.12	3.48	1.71	2.14	1.06	1.40	32.10
October	1.21	7.79	3.60	2.56	6.88	2.02	3.44	6.51	1.86	4.91	40.78
November	4.53	2.38	0.83	1.41	6.56	4.70	2.00	4.22	7.05	9.34	43.22
December	2.58	2.37	1.46	7.28	4.06	3.94	2.06	3.56	2.79	1.95	32.05
TOTALS	34.96	(high) 43.94	27.53	30.88	44.90	(high) 39.12	33.06	35.28	37.76	(high) 42.50	369.93

1937 University of Bristol sold locate. Authority changed to H. G. Tanner Esq.

1932 High. See PB. 380

1940 " " "

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

Station No. 1995RAINFALL at Fairland House

41

County of Somersetshire Observer H. G. Tanner Esq.River Basin Lower Avon - 1Type of Gauge Glass

(C.B.3. Rain gauge, London)

Annual Average 34.6 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref 5File No. 4623/30

Diameter	5"				4 1/8	5 1/8				6"	
Height	1' 0"										
Altitude	380'					41					
Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Means
January	3.78	3.21	6.51	2.69	2.51	3.97	2.57	5.95	.76	1.03	
February	4.48	.23	2.57	.85	4.00	3.15	1.69	1.91	1.24	6.23	
March	3.36	2.23	1.52	.35	1.20	1.04	5.71	2.17	1.55	1.65	
April	1.65	.92	1.34	2.70	1.38	2.87	2.96	2.22	2.27	2.40	
May	2.06	4.52	3.51	1.53	5.22	4.54	2.79	4.36	4.18	2.66	
June	2.41	.39	2.38	3.13	3.96	3.97	1.92	2.68	.81	2.21	
July	3.15	3.30	2.18	2.21	1.92	1.98	3.98	1.25	2.17	4.27	
August	5.34	3.29	5.56	3.76	3.15	8.61	.90	4.73	2.97	7.60	
September	.46	2.41	4.26	4.88	2.84	4.93	1.77	3.23	3.08	6.48	
October	2.36	4.66	3.67	4.32	4.73	1.19	.53	4.88	7.67	1.98	
November	2.31	1.52	2.82	6.68	.58	4.63	3.51	2.04	3.13	6.79	
December	3.29	4.21	2.19	2.50	5.48	3.52	2.83	3.91	3.15	2.21	
TOTALS	34.65	30.89	38.51	35.60	36.97	44.40	31.16	39.43	32.98	45.51	
	D	D	D	D	D	D	D	D	D	D	

1943 n.p. about 6 in. high. Collar round funnel broken. Repaired 15/5/44
 1941 high. See PB. 380.

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.

Station No. 1995**RAINFALL at Failand House**

51

County of SomersetObserver Paul Robinson Esq. May 1906
H. S. Tanner Esq.River Basin Lower Avon - 1

(Ydws. P. R. Bournemouth Esq.)

Type of Gauge Glaisher (pat. 84)Annual Average 34.6 in. based on 17 years obs. unweighted. Period of average 1881-1915 Ref S" " 38.07 " " 34 " " within 1916-57 " " 1916-58File No. 4623/30

Diameter ...	6"					4 1/8	5 4/5				
Height ...	1' 0"						1				
Altitude ...	380'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.39	3.25	.93	2.91	3.83	3.91	4.06	2.93	3.96	3.52	3369
February ...	4.30	.66	1.92	4.06	1.91	.30	3.44	4.25	.25	2.47	2356
March ...	4.48	3.43	1.78	4.03	1.40	1.09	3.59	1.26	3.10	2.20	2636
April ...	3.85	2.06	4.98	1.30	1.54	4.55	.31	1.26	2.83	1.69	2437
May ...	2.85	5.36	2.57	2.43	4.56	.60	1.45	3.64	1.70	1.10	2626
June ...	.87	3.15	2.07	5.05	3.52	2.59	1.35	3.95	1.66	2.20	2641
July ...	1.18	1.06	5.84	5.54	.20	3.81	4.01	1.83	3.09	4.97	3153
August ...	5.14	6.57	6.02	3.53	.69	5.35	3.04	3.59	1.97	5.42	4126
September ...	2.61	3.66	3.40	5.97	1.67	3.69	4.00	6.66	.20	4.61	3647
October ...	.83	6.12	2.79	5.53	1.78	1.29	4.32	3.21	4.41	6.70	3698
November ...	7.92	4.81	3.93	6.70	4.42	1.18	2.97	2.63	4.10	5.05	4371
December ...	2.95	2.51	1.57	3.01	4.32	4.52	2.84	3.89	7.35	5.02	3798
TOTALS ...	41.37	42.58	37.80	50.06	29.84	32.88	35.38	39.10	34.62	44.95	38858
	D	d	d	d	D	d	D	D	D	D	

1954. One station g. very faulty. Will continue if the instrument is repaired.

1956:- Cottage 20' - 40'E; Trees 20'-40' - 50' N.W.

1956 Observer confirms April values. ∴ accept returns for printing.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference ST20516734

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.	
1956			Peel	4 m.	N.	Failand	300'	N.N.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ 16.17	✓	✓	✓ n.p. 98	