

RAINFALL AT Exmouth Filter Beds, Saltashon Road

1759

Lat. Lon. County of S. Devon

Rain Gauge, by

Observer W.D. Hording Esq
Sutton C.P.C.

Exe - 6

Diameter ..			5	8							
Height ..				8.6							
Altitude ..				195							
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					.89	3.19	4.24	1.32	5.13	1.07	.76 1.41
February ..					1.75	1.98	5.76	.95	3.08	1.26	1.51 .46
March ..					1.76	3.76	1.83	4.66	.99	.61	3.12 4.85
April ..					1.64	2.06	1.03	2.69	1.18	4.17	2.47 1.75
May ..					1.78	3.42	2.49	.91	1.94	2.66	1.73 1.04
June ..					2.52	2.42	1.06	2.57	2.80	1.71	.71 3.85
July ..					2.06	3.09	5.37	.49	.91	2.05	1.40 2.23
August ..					2.29	2.94	3.59	3.85	1.89	.89	3.53 1.80
September ..					3.16	3.22	1.47	1.73	.99	.52	2.49 1.65
October ..					2.72	6.28	2.21	2.54	4.53	6.42	2.64 5.34
November ..					4.05	1.40	1.47	4.58	2.88	2.89	1.01 .54
December ..					1.80	3.26	2.92	.78	1.48	4.47	3.32 4.90
TOTALS ..					26.42	37.02	33.44	27.07	26.25	28.72	24.69 29.32

Either at S end of Sonabrowe Dr or near to the town
 1903 Littleham church .75 mile N E
 " Station .32 . N E

RAINFALL at Exmouth Filters Salterton Road

County of South Devon

Observer S. Hutton Esq c.E.

River Basin Exe

6

Gorranford Esq c.E.

Rain Gauge, by

Diameter ...	8						5		8	
Height	8.6						1.0			
Altitude ...	195									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	3.49	1.08	4.27	6.65	.70	2.71	.99	.89	4.16	5.09
February ...	4.51	1.25	3.26	1.26	8.92	5.96	5.57	1.16	1.26	5.59
March	6.5	2.56	4.83	3.66	4.78	.63	3.99	3.77	1.19	4.26
April	2.06	1.41	.10	3.79	1.40	.72	.40	1.35	1.86	1.87
May	2.19	.89	1.51	3.12	1.80	2.29	2.10	1.92	1.17	.82
June	2.01	2.66	5.70	.41	1.51	1.64	1.54	2.13	.98	.90
July	2.87	.79	2.01	.87	4.24	3.31	.95	2.90	4.00	1.86
August	4.02	.61	6.32	1.40	2.16	1.72	4.20	4.67	2.17	3.04
September ..	.30	1.26	1.06	2.53	2.62	.90	3.45	1.63	5.54	1.98
October ...	3.92	3.80	4.62	3.95	2.70	6.14	5.80	3.16	1.74	1.37
November ...	4.54	3.72	1.63	3.66	4.12	2.86	4.90	1.38	2.93	2.62
December ...	6.33	9.27	4.60	2.20	8.63	7.72	4.48	1.05	3.62	2.92
TOTALS ...	36.89	29.33	39.91	33.50	38.58	36.10	38.17	26.01	30.62	34.37

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
(90)	50° 36'	3° 24'	Littlham	1/4 mi	SE NE	Littlham	2 1/2 mi 3 1/4 mi	W NE

RAINFALL at Exmouth Waterworks Road.

County of South Devonshire Observer S. Hutton, Esq.

River Basin _____

Rain Gauge, by _____

Diameter ...	12	5										
Height	8.6	1.0										
Altitude ...	195											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	
January ...						4.96	3.80	3.46	4.24	2.04	4.60	23.10
February ...						1.91	2.20	2.90	2.49	2.03	1.12	16.15
March28	.33	3.22	3.33	.12	2.14	9.42
April.....						2.60	2.13	1.77	1.29	.82	2.62	11.23
May						4.27	.53	0.35	1.33	2.48	1.40	10.36
June18	3.15	1.93	1.48	2.19	.18	9.11
July						2.12	.93	3.43	1.19	1.34	1.37	10.38
August						1.48	.83	2.25	1.86	1.56	2.66	10.64
September...						3.50	1.05	5.05	1.76	.30	4.12	15.78
October.....						2.98	2.38	1.98	4.80	4.91	2.60	19.55
November...						2.50	8.25	2.34	3.26	9.37	5.30	31.02
December... g from Manor Grounds.						4.60	.41	3.80	2.62	7.74	3.63	22.80
TOTALS...						33.78	25.99	32.48	29.65	34.90	31.74	188.54

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
1925	50° 30' N	3° 24' W	Cittisham	1 m	E	Greenway	1 m

1759.
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RAINFALL at Exmouth (Tilber, Salterton Road)

County of Sault Ste. Marie, Observer S. Hutton Esq., C.C.

River Basin 6

Rain Gauge, by -

Diameter	88	5		8							
Height	8.6										
Altitude	195										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January	4.70	2.94	4.58	1.52	4.21	5.55	4.31	3.76	4.51	2.07	4.99
February	.71	.32	2.69	6.54	1.75	4.47	2.60	3.17	2.61	2.02	1.29
March	3.30	2.13	3.54	1.49	1.44	.28	4.44	3.55	3.53	.15	2.49
April	3.74	.82	3.36	2.85	2.98	2.67	2.49	2.04	1.39	.86	3.18
May	1.47	1.95	.58	2.12	4.60	4.60	.77	.42	1.42	2.54	1.60
June	2.16	.47	.56	.28	2.82	.20	3.33	2.25	1.66	2.39	.29
July	3.60	.42	3.57	.70	4.16	2.31	1.05	3.79	1.22	1.49	1.66
August	.87	2.12	3.48	1.85	2.84	1.63	.90	2.54	1.98	1.71	2.92
September	.96	.67	2.93	2.47	4.19	3.75	1.15	5.36	1.81	.38	4.75
October	2.80	1.36	1.31	4.69	6.00	3.25	2.59	2.15	5.01	4.94	2.76
November	2.16	3.05	2.42	2.15	3.59	3.34	8.58	2.54	3.75	9.78	5.86
December	4.51	1.52	5.48	2.60	4.47	5.11	.50	3.93	2.77	8.28	4.08
TOTALS	30.98	17.77	34.50	29.26	43.05	37.16	28.71	35.50	31.66	36.64	35.87

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.	50°56'	3°24'	Littleham	4m.	S.E.	Littleham	1m.	S.E.

RAINFALL at Exmouth (Waterworks Road) M.W.R.

County of South Devonshire

Observer S. Hutton, Esq., C.E.

River Basin Exe - b

The Engineer, U.D.C. (1937)

Type of Gauge

Annual Average 28.6 in. based on 2 years obs. un-weighted. Period of average 1.881/1915 Ref. S

383125/35

Diameter	5'											
Height	1.0											
Altitude	195											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.07	2.81	2.28	2.17	1.44	5.64	3.65	3.05	5.96	2.33	32.40	
February	1.65	1.00	3.99	1.09	3.09	3.10	5.78	8.4	1.57	4.21	24.32	
March	1.74	2.28	3.28	2.38	1.30	4.07	5.19	1.7	1.51	2.92	24.84	
April	3.10	1.70	1.51	2.37	3.20	2.40	2.76	1.7	2.20	3.13	22.54	
May	2.62	3.49	1.48	1.73	2.22	1.71	2.77	2.19	1.58	1.63	18.42	
June	3.05	2.96	2.85	1.43	3.48	1.84	1.83	1.41	2.74	1.65	21.26	
July	3.64	2.21	2.28	1.65	2.64	4.46	2.13	3.22	4.71	2.27	25.70	
August	3.59	1.99	1.41	2.46	2.08	1.13	1.63	1.26	4.21	1.04	21.80	
September	1.30	4.21	2.77	2.45	2.33	2.84	1.62	1.08	1.18	1.45	21.23	
October	1.23	5.70	2.35	2.44	3.55	1.81	3.22	2.85	4.90	4.24	30.49	
November	5.94	1.80	1.38	1.67	5.85	2.17	2.07	5.59	3.12	6.39	35.98	
December	1.66	2.15	3.13	9.28	4.48	3.63	3.37	3.90	1.72	2.96	36.28	
TOTALS	30.89	31.30	28.71	28.12	32.28	31.80	37.22	28.73	36.47	32.22	315.44	315.41

The anomaly for the first December was 5. This has been charged for 1940 to agree with version

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			Littleham	1 m	E	Littleham	1 m	E

RAINFALL at Exmouth (Filters, Salterton Road).

County of South Devonshire.

Observer S. Hutton, Esq., C.E.

River Basin.

Exe - 6.

U.D.C.

The Engineer, Exeter (1937)

Type of Gauge.

Annual Average 31.5 in. based on 25 years obs. un-weighted. Period of average 1881/1935 Ref. S

383125/35 66090/25

Diameter	8.										
Height	8.6.										
Altitude	195.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.50	2.92	2.71	2.59	2.63	5.95	8.89	3.27	6.01	1.94	34.41
February	1.99	0.00	4.25	2.23	3.39	3.18	6.31	.90	1.61	4.17	26.03
March	1.80	2.33	3.54	2.64	1.42	4.28	5.22	.17	1.60	2.87	25.89
April	3.26	2.17	1.67	2.68	3.57	2.64	2.91	.19	2.24	3.17	24.52
May	2.94	3.99	1.64	8.3	2.35	7.0	2.95	2.21	.59	1.46	19.66
June	3.45	3.10	3.03	1.53	3.80	2.29	.80	1.60	2.91	.67	23.18
July	3.97	2.21	2.47	.77	3.3	4.92	2.82	3.45	5.02	2.35	27.81
August	3.65	2.10	1.54	2.66	2.20	.16	1.74	4.59	4.56	.04	23.24
September	1.52	4.29	2.96	2.75	2.73	3.08	2.85	1.09	1.15	1.24	23.19
October	.36	5.92	2.48	2.73	3.64	.92	3.33	3.17	5.10	4.02	31.67
November	6.42	2.23	1.54	1.79	6.16	2.79	2.07	5.53	4.84	6.08	39.45
December	1.71	2.38	3.23	9.82	4.96	3.73	3.19	3.77	1.64	2.51	36.94
TOTALS	33.57	33.64	31.06	31.02	35.18	34.64	39.08	29.94	37.32	33.54	33.59

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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
1931			Littlehampton	1 m.	E	Littlehampton	1 m. E.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

RAINFALL at

(1950) Saltash Station No. 1758
Exmouth (Whitewash Road) M.W.R.

41

County of South Devon
 River Basin Exe -
 Type of Gauge M.O. (+A)

Annual Average 23.4 in. based on 2 years obs. un-weighted. Period of average 1921/1945 Ref S

File No. 383125/35
M.W.R. File 698107

Diameter	5"				354	880					
Height	1' 0"					3					
Altitude	195'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.95	4.03	7.84	2.10	2.02	3.06	3.24	4.34	.49	.75	3.382
February	3.28	.29	1.55	.39	1.60	2.82	2.33	.93	.77	5.82	1.978
March	2.93	2.30	1.27	.09	.76	1.28	1.10	.90	1.26	1.44	1.932
April	1.81	2.06	.72	2.06	.67	2.32	2.88	2.17	1.22	1.65	1.756
May	2.30	5.59	3.03	.38	3.56	6.00	3.49	2.37	2.17	2.43	3.182
June	2.00	.60	.93	1.81	2.60	2.06	2.44	1.81	.46	.74	1.694
July	1.14	1.58	2.21	2.25	1.99	1.17	1.36	.79	1.24	3.79	1.752
August	3.51	3.11	2.49	4.11	1.96	3.69	.75	2.67	.72	3.05	2.636
September	0.89	2.64	3.10	1.50	2.67	3.84	1.89	1.02	3.75	3.91	2.521
October	1.57	3.95	3.50	3.84	4.08	1.34	.84	2.40	4.98	1.77	3.827
November	2.39	.94	2.13	5.68	.98	4.35	1.30	1.54	4.08	5.71	2.910
December	2.80	4.36	3.67	2.80	4.92	3.32	1.82	4.08	.96	3.47	3.270
TOTALS	30.57	31.45	32.44	27.31	27.81	35.25	29.44	25.02	22.08	34.53	29.590

Inspected by Mr. Dewar 7.10.48 5" H.O. gauge No. 752, condition fair, set in circular hollow, radius 5 ft. depth 1 ft. grass needs cutting. Exposure satisfactory. Old Glaser gauge in need of repair & nearly 4 readings taken sometimes been taken from this. Removal advised.

1950 Inspected by Mr. Landau 4/10/50. Satis. Pore-hole leak in frame still present.

1950 is not moved but address corrected by Engineers. Y.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map

Reference No. 30-015813

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

RAINFALL at

E. 25 month (Fitter, Saltash Road)

Station No. 1759 + A

41

County of South Devon Observer The Engineer M.D.C.
 River Basin Exe - 6
 Type of Gauge Flasher

Annual Average 31.5 in. based on 25 years obs. un-weighted. Period of average 1881/1915 Ref. S

File No. 3232-105

Diameter	8"		354	881	X"	8"					
Height	✓ 6"	1' 0"		1						0' 9"	
Altitude	195			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.27	3.96	7.82	2.13	2.56	3.05	2.73	5.65	1.00	.81	34.98
February	3.13	1.15	1.36	1.40	1.71	2.92	1.50	1.17	1.96	1.54	21.84
March	2.86	2.85	(1.30)	1.12	1.82	1.37	1.26	1.20	1.71	1.78	22.27
April	2.64	1.97	1.78	1.93	1.68	2.69	3.11	2.89	2.13	2.28	20.50
May	2.13	5.74	2.80	1.37	3.97	6.03	3.76	2.75	2.69	2.95	33.19
June	2.33	1.65	1.15	1.72	2.60	2.29	2.22	1.49	.62	.99	16.06
July	.76	1.49	2.12	2.29	1.99	1.25	1.40	.96	1.21	4.33	17.80
August	3.78	3.31	2.26	1.47	1.99	3.67	1.16	2.88	1.16	3.68	28.36
September	.86	2.76	3.33	1.71	2.73	4.48	1.80	1.07	4.48	4.69	27.91
October	1.57	3.90	3.64	4.18	3.67	1.50	.99	2.97	6.21	2.25	30.88
November	2.52	1.00	2.52	5.21	1.07	5.37	1.92	1.77	4.36	5.90	31.64
December	2.63	4.04	3.70	2.56	4.89	3.80	2.32	5.97	1.40	3.53	34.84
TOTALS	80.48	31.82	32.78	27.09	28.68	38.42	31.17	30.17	28.93	40.75	320.27
	D	D	D	D	D	D	D	D	D	n.p.	

Gauge on an embankment 8' 6" high, rim of gauge 1" above ground.

1943 March earth.

1950 This gauge is situated on same site as 1758. See M.W.T. File 6962/107

1950 See sta. 1758

1950 n.p. Gauge on same site as 1758.

Flasher level?

1943 Double end rain gauge & ventilation?

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.
1941			Littleham S.R.	530 yds	79° E of N.	Littleham	1520 yds	88° E of N.

RAINFALL at Exmouth (Sullerton Road) Station No. 1758
 (M.W.R.) 51

County of S. Devon Observer The Engineer, V.D.C.

River Basin Exe - 6

Type of Gauge M.O. (+A)

Annual Average 28.6 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. S
 33.30 " " 6 " " 1951-1956 1916-1950 P
 Turf Well File No. 383125/35

Diameter	5"			354	88						
Height	1' 0"					3					
Altitude	195'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.26	2.53	.41	1.89	4.76	3.62	2.74	3.39	4.74	3.78	31.12
February	4.18	.44	1.48	3.02	2.24	.18	4.97	3.52	.32	3.89	24.24
March	4.29	2.70	.67	3.47	1.88	.85	3.07	1.63	4.35	2.72	25.63
April	1.40	2.67	2.78	.09	1.13	.67	.09	.38	3.03	2.64	14.88
May	2.51	2.36	3.13	1.85	3.71	.73	1.66	2.71	1.31	1.80	21.77
June	.74	1.77	1.78	3.47	2.72	1.48	.94	3.29	1.00	.79	17.98
July	2.22	.81	2.19	2.58	2.55	2.72	2.59	2.00	2.15	3.62	23.45
August	3.94	3.49	1.48	2.56	.30	3.02	2.11	4.31	3.03	5.35	29.59
September	3.66	2.59	2.53	2.12	1.12	6.11	2.02	3.71	.10	6.78	30.74
October	.83	5.14	2.75	2.46	2.03	1.83	1.85	2.12	2.73	10.64	32.41
November	5.54	4.51	2.02	6.32	4.10	.83	1.85	2.76	6.53	4.22	38.68
December	2.67	2.80	.70	3.25	4.72	4.90	2.29	3.99	6.54	3.14	35.27
TOTALS	35.24	31.81	21.92	33.08	31.26	26.94	26.18	33.81	3583	49.64	325.72
	P	D	D	D	D	D	D	D	D	D	

Insp. by H. Garnett 11/6/56 satisfactory.

Inst. by H. Garnett 12/1/58 satisfactory.

Last 9/5/60 - H.-E.B. Teng. No change, satisfactory.

015813

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference S(30)264919

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
			c1925	✓	✓	✓

Station No. 1759

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RAINFALL at Exmouth (Tolton, Saltash Rd.)

County of South Devon

Observer The Engineer W.D.C.

River Basin Exe 6

Type of Gauge M.O.

Annual Average... in. based on years obs. un-weighted. Period of average 1916 - 50 Ref. 5
 " 32.13 " 6 " 1952-57 File No. 323125/35

Diameter ...		8				354	881				
Height ...		0'9"						1			
Altitude ...		195'						51			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.56	.67	1.72	4.23	3.46	2.58	3.36	4.61	3.52	2.671	
February ...	1.50	1.51	3.19	2.16	2.26	4.66	3.28	.32	3.77		
March ...	2.55	.67	3.33	1.81	.83	2.83	1.35	4.31	2.52		
April ...	2.27	2.77	.09	1.00	.64	.08	.39	3.04	2.61		
May ...	2.32	2.95	1.99	3.75	.69	1.63	2.58	1.36	1.78		
June ...	1.80	1.69	3.36	2.65	1.41	.97	3.22	.98	0.83		
July66	2.18	2.67	2.60	2.51	2.61	1.92	2.22	3.63		
August ...	3.58	1.50	2.55	.31	3.25	2.05	4.49	2.74	5.43		
September ...	2.61	2.23	2.28	1.19	5.86	2.01	3.75	.12	6.54		
October ...	4.78	2.50	2.44	1.92	2.06	1.96	2.14	2.74	10.28		
November ...	4.39	1.96	5.92	3.87	.84	1.80	2.84	6.33	4.34		
December ...	2.68	.68	3.06	4.64	4.46	2.24	3.83	6.35	3.57		
TOTALS ...	30.70	21.31	32.60	30.13	26.27	25.45	33.15	35.12	48.82		
	N.P.D.	N.P.D.	N.P.D.	D.P.	n.b.	D.P.	D.P.	n.p.	N.P.		

1952 N.P. check 1759

1953 N.P. check

1954 N.P. check

1955 N.P. check

1956 N.P. check

1957 N.P. check

1958 N.P. check

1959 N.P. check

1960 N.P. check

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference S(30)D(5)813.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1952			Littleham	1/2 ml ENE	Littleham	1/2 ml SSE

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ - last 7 13, 18	✓ ✓ last - 20-23,	✓ ✓ last - 39	✓ n.p. 50 ✓	