

RAINFALL AT

Halberton

1790/5

Lat.

Lon.

County of ...

Rain Gauge, by ...

Observer ...

Exc - 6

Diameter ..						5					
Height						10					
Altitude ..						240					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							6.55	1.54	1.37	1.78	
February ..							3.67	1.84	2.11	.49	
March							2.13	.78	3.34	5.31	
April						2.59	.86	5.02	2.81	2.49	
May .....						.58	2.50	2.55	1.68	1.34	
June						3.41	1.17	2.74	.74	2.94	
July						1.06	.48	1.79	1.57	2.56	
August						4.33	1.93	2.20	2.69	1.78	
September ..						1.87	1.03	.71	3.44	2.30	
October						1.56	5.29	6.46	3.33	6.01	
November ..						4.19	4.09	2.38	1.50	1.23	
December ..						1.30	2.66	5.42	4.04	5.54	
TOTALS ..							32.36	33.43	28.62	33.77	

1905 Halberton Church 400 yards N
 2 1/2 miles E
 Conservatory 18 ft high 40 ft NE
 1909 Corrected for wrong day

N. B. Annual values rejected from Survey Map, 1929.

RAINFALL at HalbertonCounty of South DevonObserver Capt G. E. R. N.River Basin Exe 6

Rain Gauge, by _____

Diameter ...	5										
Height	6	6									
Altitude ...	240 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.92	1.38	5.26	7.01	.90	4.39	1.72				
February ...	4.60	2.19	3.64	1.19	3.16	5.35	5.82				
March .....	.74	2.47	7.11	4.13	6.19	.88	3.92				
April	2.77	2.65	.29	4.28	1.97	1.10	.96				
May	3.34	1.09	1.87	2.92	1.71	1.95	2.83				
June	2.38	2.39	5.13	.95	2.35	1.88	1.74				
July	3.00	.29	2.68	.30	3.70	3.61	1.22				
August	4.93	2.15	6.60	1.86	3.12	2.77	5.17				
September ..	.39	1.98	1.51	1.62	2.00	.83	2.43				
October ...	7.34	3.92	5.37	5.02	3.54	5.14	6.37				
November ..	5.63	3.63	1.91	3.48	3.17	2.60	5.02				
December ...	6.52	9.83	4.86	2.26	7.47	7.74	4.00				
TOTALS ...	46.56	33.97	46.23	35.02	39.28	38.24	41.20				

1910 Peach No 20 ft high 35 ft N

N.B. annual values reported from Survey Map 1939

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50.54.	3.25. W	Winton Junction	3200 3383 yds	ESE	Halberton	400 yds	N

1790/5.
20RAINFALL at Liverton Alstree HallburtonCounty of South Devonshire Observer Miss M. G. IzatRiver Basin Exe 6Howard Rain Gauge, by

Diameter ...		6"									
Height		1 0			0.9						
Altitude ...		240									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	4.34	3.49	4.68	3.24	4.99	3.93	6.74	5.72	6.56	1.60	5.78
February ...	.80	.39	3.89	9.95	.63	6.19	3.78	4.78	4.10	1.97	1.31
March	3.76	2.33	3.49	2.09	2.50	.62	.76	4.77	4.04	.36	3.66
April	4.43	1.05	4.00	3.37	4.41	3.93	2.10	2.41	1.61	1.10	5.55
May	2.25	2.47	1.11	1.69	4.91	5.70	2.30	.64	1.23	3.01	1.92
June	2.42	.96	1.08	.57	3.77	.06	3.33	2.97	2.83	2.54	.55
July	5.02	.56	3.99	1.57	6.53	3.13	.97	2.89	1.72	1.69	2.56
August	1.51	1.99	5.00	3.35	5.27	4.43	1.34	3.11	2.37	3.69	
September...	1.27	1.32	4.25	3.25	6.32	5.29	1.23	6.98	1.45	.40	
October	3.73	.90	1.33	6.29	6.32	4.42	3.69	3.02	5.50	6.61	
November...	3.05	4.37	2.35	3.57	4.56	3.36	9.94	4.37	4.45	11.41	
December...	4.08	2.77	6.38	4.26	4.78	5.03	.59	3.63	4.35	9.59	
TOTALS...	36.66	22.60	41.55	43.20	54.99	46.09	36.77	45.29	40.21	43.97	
	D	D	D	D	D	D	D	D	D	D	

1921. 2 Maple Trees 40 ft high 7 yds S.

1920 used 17.1.22 to 17.1.22.

1922 Gauge moved 22 yds S.E. July 6¹⁵

Church Tower 40 ft high 18 yds NW.

1923. Trees 40' high 20 yds S.W.

1926. Gauge moved Oct. 7⁵ 50 S.

1929 Burkes Trees 20' high 20' E.

1930 gauge moved a few hundred yards S.

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
1921	50° 54'	3° 25'	Liverton Junction	2300 yds	E.S.E.	Hallburton	400 yds	N.

RAINFALL at Liverston (Halkerton)County of S. DevonObserver Miss M.G. Jyat.River Basin 6- ExeType of Gauge HowardAnnual Average 18.2 in. based on 15 years obs. un-weighted. Period of average 1881/1915 Ref S rev. 2.3.36.

84395/31

Diameter	5"	Apr. 25. 10.	358 709							Apr. 25. 358 716	
Height	0' 9"	NGA: 57(31)	004127					1 0		NGA: 57(31) 016131	
		alt: 73m	6							alt: 91m	
Altitude	240'		250						270'		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	676	662	354	420	122	624	1000	645	1009	321	
February	470	05	494	42	586	336	726	211	244	427	
March	189	351	520	355	308	471	519	17	154	349	
April	406	436	237	418	597	287	397	14	390	375	
May	687	432	278	251	217	83	265	324	73	174	
June	368	207	197	249	326	256	85	190	310	128	
July	598	340	269	137	67	957	183	374		399	
August	479	220	156	410	243	41	80	383		21	
September	144	602	161	297	499	401	286	174		211	
October	110	860	366	320	611	222	435	505	454	418	
November	741	289	97	181	705	538	234	746	947	894	
December	301	356	192	1401	629	404	386	630	273	356	
TOTALS	4964	4762	3321	4481	4910	4620	4656	4213	imp	4073	
	D.	D.	D.	D.	D.	D.	D.	D.		D.	

House 30' high 13 yds NW.

1938 4p - high

Oct. 1939 gauge moved 1 mile E. + 20 ft. higher into more sheltered position.

1940 np high.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Liverston Junction	2000 yds.	ESE.	Halkerton	600 yds.	N.
							400	

Station No. 1700/5RAINFALL at Tiverton (Halborton)

41

County of S. DevonObserver W. G. G. G. G.River Basin Exc - G.Type of Gauge Standard 190Annual Average 40.8 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 24395/3

Diameter	5"					358	716				
Height	1' 0"		1	6			1				
Altitude	270'			300			41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.46	5.01	7.72	2.96	2.97	3.74	4.25	7.11	.88	.85	
February	4.76	.42	1.14	.88	2.94	3.35	1.06	1.66	1.51	6.06	
March	4.64	3.40	1.17	.12	.66	1.20	6.17	1.06	1.62	1.45	
April	1.76	1.63	.70	2.46	.75	2.55	2.12	2.63	1.59	2.16	
May	2.28	5.25	2.42	1.05	4.00	4.32	3.24	3.77	2.06	1.82	
June	1.55	.77	2.48	2.36	2.98	3.17	3.01	1.82	.95	1.13	
July	1.92	1.55	2.54	2.75	2.30	1.46	1.82	1.75	1.66	5.18	
August	5.24	3.75	3.30	2.80	1.80	5.46	.82	3.96	2.64	5.32	
September	.79	2.61	3.48	2.61	3.00	4.47	1.95	1.72	4.34	4.74	
October	2.18	2.48	4.25	5.46	4.28	1.24	.79	3.43	6.18	1.81	
November	3.09	1.03	3.22	6.70	1.54	5.44	2.45	2.08	4.94	7.59	
December	2.58	5.00	3.76	3.67	5.67	4.52	3.27	5.66	2.39	3.94	
TOTALS	35.25 n.p.	32.90 D	36.18 D	33.82 D	32.89 D	40.92 D	30.95 D	36.65 D	30.76 D	42.05 D	

1941, n.p. high April 4th corrected by ref. to nearby stations.
 1945 Totals 20' high approx S.

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 1943			Tiverton Tiverton junc.	1 m.	SE	Halborton Halborton	1/2 m	S.W.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Tiverton (Halberton)

County of S. Devon

Observer Miss M. G. Izat

River Basin Exe-6

Type of Gauge M.O.

Annual Average 40.8 in. based on 15 years obs. unweighted. Period of average 1887-1915 Ref S
" 35.08 " 16 " 1942-57 " 1916-57 Ref S

File No. 84395/31

Diameter ...	5"				358	716					
Height ...	1' 6"					1			1' 7"		
Altitude ...	300'					7					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.65	3.91	.58	1.93	4.74	4.03	2.49	3.15	5.38	3.67	
February ...	4.74	.91	2.25	3.54	2.56	.29	5.43	3.59	.30	3.46	
March ...	3.83	3.35	1.44	3.61	1.68	1.08	2.96	1.22	4.84	2.19	
April ...	2.01	3.36	3.18	.29	1.22	1.09	.04	.74	2.61	2.89	
May ...	2.80	2.80	2.40	2.32	3.28	.46	1.74	3.15	1.33	1.67	
June ...	1.19	1.50	2.88	3.48	4.01	1.46	2.43	(3.18)	1.28	1.19	
July ...	2.29	1.36	2.84	3.01	3.53	2.90	3.12	(2.57)	2.97	4.24	
August ...	4.66	4.84	2.26	2.41	.51	2.45	1.99	4.12	2.55	3.75	
September ...	3.24	2.88	3.72	3.87	1.63	5.88	4.03	5.00	.16	4.52	
October ...	1.58	4.31	2.75	2.76	1.56	2.16	2.59	4.06	3.59	11.79	
November ...	6.90	3.57	2.44	7.05	4.03	1.21	2.30	2.82	6.58	3.95	
December ...	3.08	3.75	.91	3.89	5.88	4.51	3.19	4.17	8.47	4.62	
TOTALS ...	39.97	36.54	27.65	38.16	34.59	27.52	32.31	37.77	40.06	47.94	
	D	D	d	d	d	N.P.	N.P.	2140+	N.P.	D	

1956. Hedge on wall 5' approx. distance S.E.

1956. N.P. low. In reply to Query, obs. states no leak in gauge which is well open to S.W. (Perhaps too windy?)

1957. N.P. low.

1957. 145 ft. 100 ft. A. and unbroken. True 90° 90' NW, 70° 60' NW 2, 110° 15' E. Drop of 15' NW-W. NW with protrusion of true a short distance away. The site is unsuitable but may be reasonable. See inspection report. Ancient channel not very situated in improvement. No chance of a better site.

1958 n.p. o/s. June & July not ext.

1959 n.p. o/s.

Position of Station on Ordnance One-Inch map:

No. of Map 164

National Grid Reference ST 016 131

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Liverton	2m. NE	Halberton	3/4m. S.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	10-16	20-29	31-38 40, n.p. 23, n.p. 40	✓ n.p. 41	
	✓	✓ shut - 20	✓	✓ shut d 49	