

Kerrick

RAINFALL AT Christow Torquay Water Works

Lat. Len. County of Devon
 Rain Gauge, by Observer J. S. Weeks Esq. C.I.

Teign - 5

Diameter								8	8	
Height								1.0	1.0	
Altitude								842	842 m	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889 MEANS.
January								(5.50)	3.40	1.41 1.04
February								(1.80)	.78	.69 2.13
March								(5.00)	1.99	6.25 5.19
April								(2.50)	.94	2.20 1.55
May								(3.30)	1.10	2.38 2.82
June								(1.50)	.40	3.34 .38
July								(3.00)	1.57	7.35 4.39
August								(2.30)	1.60	2.46 2.62
September								(2.00)	2.98	1.01 2.24
October								(8.60)	3.74	1.71 5.05
November								(3.00)	6.39	12.43 2.19
December								(6.50)	3.35	5.04 2.66
TOTALS								(45.00)	28.24	46.27 32.26

1888 Christow Church 2 miles E *1886 est for
 1887 No R fell from June 4 to July 8
 Dartmoor Cover

1886 est.
 from Totterford
 (months) J. S. S.

RAINFALL AT Christon Torquay Water Works, Perrinck

Lat.

Lon.

County of

Devon

Teign

Rain Gauge, by

Observer

J. P. Weeks Esq. C.E.

S. Ford Esq.

25 September 1898

Diameter	8											
Height	10											
Altitude	842 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.53	4.06	2.69	4.14	5.98	6.93	.80	4.09	1.22	6.59	4.303	
February	1.73	.13	4.05	6.22	1.73	.07	.92	3.74	2.55	7.18	2.822	
March	2.15	3.77	1.10	.29	2.36	3.85	3.83	6.12	3.00	.82	2.729	
April	3.77	1.89	.79	.46	3.95	3.32	.35	5.11	2.96	3.47	2.607	
May	3.08	3.60	1.29	1.81	2.62	.96	.03	1.85	4.12	2.67	2.203	
June	2.25	3.15	2.01	.84	2.01	1.56	2.84	2.75	1.66	1.76	2.059	
July	2.38	2.89	2.04	5.36	4.74	3.52	2.23	2.23	.23	1.13	2.615	
August	3.25	6.43	3.81	1.63	4.38	2.65	1.83	4.44	2.04	3.22	3.371	
September	1.32	1.86	1.94	1.71	4.03	.67	6.52	3.97	.97	2.31	2.520	
October	1.10	10.94	6.35	2.86	6.97	5.45	4.11	2.11	7.79	2.50	5.018	
November	4.32	5.69	4.79	2.70	7.52	10.14	1.37	2.19	4.53	4.06	4.731	
December	5.13	6.83	1.84	5.40	2.63	6.11	9.66	9.08	4.26	5.62	6.656	
TOTALS	37.01	51.24	32.70	33.42	48.92	45.26	34.49	47.68	35.33	41.33	40.798	

1890 Christon Church 2 miles E

Moretonhampstead
RAINFALL AT Christow W.W. Kennick

Lat.

Lon.

County of Devon

Rain Gauge, by

Observer W. Ingham Esq. cl.
S. C. Chapman Esq. cl.

Peria - 5.

Diameter ..	8										
Height ..	10										
Altitude ..	842 ft				836 ft						
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.37	4.25	1.39	4.24	6.00	1.91	8.03	1.71	1.53	1.93	3.786
February ..	7.81	1.70	3.34	2.79	7.61	1.21	4.87	1.72	2.12	.72	3.839
March ..	2.28	5.28	2.05	4.93	3.81	5.99	1.31	.95	4.11	8.47	3.868
April ..	1.40	4.90	2.65	2.57	1.38	3.97	1.30	5.75	2.66	2.65	3.923
May ..	2.48	1.85	1.57	3.34	2.48	.63	2.19	4.49	2.34	1.10	2.247
June ..	2.77	1.91	3.25	3.03	1.12	3.49	1.52	2.48	1.14	3.72	2.443
July ..	.87	1.47	3.43	4.19	14.80	.39	.81	1.28	1.50	2.22	2.096
August ..	2.09	1.65	2.69	4.36	2.63	4.53	2.32	1.09	3.79	1.78	2.693
September ..	1.03	4.51	3.27	4.47	2.46	2.19	.63	.84	3.10	1.86	2.440
October ..	3.00	2.13	2.70	9.38	2.18	2.17	6.38	9.47	3.19	8.16	4.876
November ..	4.51	1.13	7.67	2.36	2.03	5.84	3.58	4.63	1.85	1.33	3.493
December ..	6.05	8.24	3.35	6.52	3.98	1.47	2.40	7.21	4.55	7.30	5.107
TOTALS ..	40.66	39.02	37.36	52.18	39.98	33.79	34.84	41.66	31.88	41.24	39.261

1906 Christow Church 3 miles E

Aclton Station 3 - E

10 1744

RAINFALL at Morstonhampstead Kennick

County of South Devon

Observer S. C. Chapman Esq. C.R.

River Basin Teign

Sign 5

Rain Gauge, by.

RAINFALL at Brixton, Keanick - No. 2.

County of South Devonshire Observer S. L. Chapman, Esq. B.E.
 River Basin Teign - 5 Water Engt., Torquay

Rain Gauge, by _____

Diameter ...	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN.
Height											10
Altitude ...											860
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920
January ...									7.08	3.20	8.23
February ...									3.89	2.91	1.89
March									5.72	.27	3.44
April.....									2.05	.87	3.73
May									1.03	3.11	1.63
June									2.44	2.59	.60
July									1.56	1.71	2.37
August									2.22	2.14	5.69
September...									1.82	.62	6.76
October.....									7.38	7.16	5.37
November...									6.55	14.64	7.89
December...									5.56	13.33	5.28
TOTALS...									47.30	52.55	52.98

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1928	50° 38' 30" N	3° 0' 13" W						

RAINFALL at Christow (Kennick) No. 1.

County of South Devonshire

Observer S. E. Chapman, Esq. C.

River Basin Teign - S.

R. G. Brook M.Sc. A.M. Inst. Eng. Sc.

Type of Gauge Sondeum

Annual Average 41.6 in. based on 40 years obs. un-weighted. Period of average 1921-1935. Ref. S.

747966/27

Diameter	8.											Totals Months	
Height	1.0												
Altitude	836.												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940			
January	4.14	7.53	4.02	5.05	99	8.47	4.85	6.01	8.62	3.32	58.00		
February	3.60	1.06	3.65	2.27	4.24	5.40	7.62	1.71	2.32	6.01	34.88		
March	2.86	3.25	4.52	3.92	1.70	6.41	6.04	1.15	2.37	3.84	35.06		
April	4.69	3.16	1.70	3.62	4.96	2.95	5.01	1.22	3.45	4.56	34.32		
May	4.26	4.20	2.65	1.83	2.91	1.63	3.42	4.15	0.93	1.91	27.89		
June	3.27	4.32	2.66	1.90	4.71	1.52	1.30	1.71	3.51	1.82	25.72		
July	4.05	2.49	2.51	1.62	4.46	7.74	1.13	4.63	7.53	4.42	35.58		
August	5.61	2.36	1.88	4.12	2.10	1.7	1.38	5.39	3.17	1.22	26.40		
September	1.53	5.26	1.91	2.91	3.78	4.33	2.80	1.69	0.76	1.77	26.44		
October	.88	8.31	4.17	2.92	4.32	1.43	4.21	4.98	6.69	5.92	43.83		
November	11.17	2.98	1.54	2.55	7.48	4.07	3.24	7.88	10.13	7.85	58.89		
December	2.05	3.90	3.11	15.67	6.89	6.23	4.78	6.31	2.32	4.03	55.29		
TOTALS	48.11	47.82	34.32	45.38	44.54	50.35	50.48	44.83	51.80	44.67	462.30	W.H.	
	D	D	D	D	D	D	D	D	D	D		Y22	

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1933 from map 38	50° 38' 28" N	3° 41' 10" W	St. Levan	2m	S.W.	St. Levan	28m	S.W.

RAINFALL at Christow (Kennick) No. 2.

County of South Devonshire

Observer S. C. Chapman, Esq., F.F.

River Basin Teign - 5

N. G. Elliott, M.Sc., B.M., Instn. C.E.

Type of Gauge Standard.

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

747965/27

Diameter	8.										
Height	1.0.										
Altitude	860.		850								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.05	7.95	3.56	5.18	1.10	7.88	3.89	6.03	9.80	3.40	56.54
February	3.60	0.05	3.60	2.29	4.51	4.87	6.95	1.66	2.24	6.04	33.71
March	2.44	2.07	4.53	3.99	1.76	5.49	5.80	1.12	2.42	3.89	33.51
April	4.48	3.10	1.84	3.81	3.19	2.59	4.72	2.21	3.28	4.49	33.71
May	2.99	4.06	2.75	2.01	2.92	1.53	3.14	3.92	0.91	1.94	27.17
June	3.24	4.21	2.49	1.90	4.83	1.51	1.32	1.60	3.26	.82	25.18
July	3.95	2.49	2.59	.68	.54	7.56	1.06	4.53	7.18	4.62	35.23
August	5.39	2.25	1.79	4.22	2.32	.17	1.31	5.32	2.96	.19	25.92
September	1.60	5.06	1.93	3.02	3.95	4.08	2.35	1.71	0.71	1.73	26.04
October	.91	7.97	4.13	3.32	4.61	1.51	3.98	4.71	6.51	5.91	43.56
November	10.64	2.80	1.60	2.74	7.09	3.57	3.06	7.65	10.07	8.57	57.79
December	1.93	3.39	3.07	15.70	6.61	5.73	4.84	6.22	2.46	3.71	53.36
TOTALS	46.05	46.40	33.98	46.86	45.43	46.49	46.82	43.68	50.80	45.31	451.72

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 from gauge	Parish Church.	Distance from gauge
1933 from map 38	50° 38' N 5° 42' S	5° 38' S 5° 42' S	Lastlegn	1 3/4 m	S.W	Lastlegn	2 m

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

Station No. 1744

RAINFALL at Christians (Kemnich.) N° 1

41

County of South Denmark Observer N.G. Elliott M.Sc. C.E.
 River Basin Tejo - S The Water Engineers, Targary (1945)
 Type of Gauge Snowdrift

Annual Average 11.6 in. based on 40 years obs. un-weighted. Period of average 1881/1915. Ref S

File No. 742915/27

Diameter	8"			361	704						
Height	1' 0"				1						
Altitude	834'				41						840'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	6.48	5.31	10.74	2.37	3.26	6.25	5.88	7.47	.91	1.38	50.05
February	5.60	.49	2.59	.79	2.93	3.82	2.19	1.80	1.74	6.82	28.77
March	4.84	4.22	1.79	.23	1.29	2.31	9.01	1.65	1.89	2.16	29.39
April	1.25	2.63	1.37	2.97	1.07	2.81	3.26	2.66	2.63	2.45	23.00
May	2.54	8.41	4.38	.65	4.56	5.89	3.98	2.30	2.16	3.30	32.17
June	2.40	.62	1.05	2.61	3.05	2.88	2.27	2.50	.63	1.02	19.02
July	.96	1.82	2.53	2.76	2.98	1.15	2.37	1.07	2.66	4.47	22.77
August	4.19	5.36	3.13	3.99	2.27	4.99	1.60	3.48	1.76	5.45	36.12
September	.98	3.66	3.73	2.81	3.63	7.10	2.72	1.49	4.73	4.41	35.26
October	2.28	3.30	5.40	5.66	4.92	3.40	1.08	3.94	7.83	1.76	37.57
November	3.86	1.21	2.87	7.38	1.22	9.61	3.39	2.15	5.03	7.38	44.10
December	4.07	7.41	3.88	4.14	8.00	4.94	2.88	8.60	1.46	4.12	49.50
TOTALS	39.45	44.44	43.46	36.36	39.18	55.15	40.53	39.01	33.43	44.72	415.73

1941 { 50° 38' 28" N
 { 3° 41' 10" W

Gauge ranked 1/1950.

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

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

RAINFALL at Christchurch (Kemwick) No. 2

Station No. 1745

County of South Devon. Observer N. F. Eglin M.Sc. GE.
 River Basin Teign - 5. The Water Engineers, Tasmania (1945)
 Type of Gauge Standard.

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

File No. 747965427

Diameter	3"			361	680					
Height	1' 0"					1				
Altitude	850'		860			41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
										Means
January	6.59	5.46	10.14	2.99	3.30	6.66	5.10	8.51	1.06	9.61
February	5.66	.57	2.88	.78	3.08	4.24	2.26	2.26	1.95	
March	4.89	3.77	1.67	.23	1.20	2.18	9.18	2.00	1.80	
April	1.31	2.60	1.21	3.15	1.03	3.08	3.72	8.45	2.71	
May	2.78	8.83	4.24	.65	4.50	6.96	3.83	2.62	2.39	
June	2.49	.63	1.14	2.60	2.90	2.95	2.60	2.57	.53	
July	1.05	1.86	2.43	2.65	3.13	1.17	2.62	1.14	2.45	
August	4.55	4.90	3.08	4.03	2.23	5.24	1.98	3.35	1.54	
September	9.4	3.63	3.84	3.17	3.47	7.16	2.65	1.60	4.54	
October	2.27	3.05	5.57	5.60	5.27	3.34	1.20	3.24	9.07	
November	3.50	1.28	3.22	7.47	1.09	9.90	3.63	2.41	5.70	
December	3.99	6.92	3.94	3.91	8.45	5.65	3.63	9.18	1.40	
TOTALS	40.02	43.50	43.36	37.23	39.65	58.53	42.70	41.73	32.14	
	D	D	D	D	D	D	D	D	D	

1942. (Latitude 50° 38' 55" S)

Longitude 3° 42' 5" E

Lat. 50° 38' 55" S

Long. 3° 42' 5" E

1945 Terminated, see an. 87A p. 747965/27

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

Reference No. 10-800838

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1944	50° 38' 30" S	3° 41' 36" E					

Station No. 1744 ✓

51

RAINFALL at Christon (Kerrick) No. 1

County of S. Devon

Observer Water Engineer, Torquay

River Basin Teign - 5

Type of Gauge Standard

Annual Average 41.6 in. based on 40 years obs. unweighted. Period of average 1881-1915 Ref. S
 44.36 in. 35 in. 1916-1950 1916-1950 P
 File No. 47965/27

Diameter	8"				361	704					
Height	11 0"					1					
Altitude	840'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.21	3.76	6.67	2.01	6.45	3.56	4.55				
February	5.32	6.61	1.46	3.29	3.48	3.36	8.07				
March	3.91	3.44	7.74	3.40	2.41	1.62	5.33				
April	1.91	3.21	2.69	1.15	1.16	0.81	0.35				
May	2.56	2.64	2.78	1.97	3.85	0.92	2.70				
June	7.91	7.71	2.46	3.38	3.28	1.98	2.67				
July	2.09	1.23	2.59	2.48	2.33	4.47	4.27				
August	4.37	4.74	1.97	3.35	0.54	3.52	3.24				
September	4.55	3.15	3.85	2.83	1.43	7.99	3.36				
October	1.27	5.60	4.12	3.15	1.92	2.51	2.31				
November	5.25	4.27	2.21	6.96	4.56	2.08	3.29				
December	3.07	3.41	1.32	3.48	5.64	7.31	4.02	X			
TOTALS	39.42	36.77	26.86	36.45	37.05	37.03	44.16				
	NP	NP	D	D	D	N.B.	NP				

1951 NP low. Improved April 51. Rainfall reduced to account for new gauge. Reached 1955.

1952 NP low.

1953 Rainy.

1954 NP low. Rainfall declining rate good, better than the amount in 1950. Previously broken to be cut 1956 NP low. Check gauge to break up in old site 1955 print.

1956 Inspected 10.4.56 Mr. Dads. Gauge sand and measure flat bottomed site of NW.

1957 New gauge off SW-NW. Recommend abandon new site - abandoned 1957.

1957/2 Proposed site satisfactory.

1957/2 Proposed site 20/807838

Position of Station on Ordnance One-Inch map:

No. of Map 176

National Grid Reference 20/807839

20/807840

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	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
	✓	✓	✓	✓	✓

Station No.....

1744/2

RAINFALL at Chistow (Kerrick) new site

51

County of. S. Devon

Observer. Water Engineer, Torquay

River Basin. Tigris - 5

Type of Gauge.....

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

File No. 747965/27

Diameter	361	706	5"							
Height			1							
Altitude			51			840'				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
										Means
January							* 3.72	5.49	6.97	5.73
February							7.15	5.46	4.43	8.13
March							5.10	3.12	6.18	4.54
April							3.4	7.5	4.76	4.32
May							2.62	4.21	1.69	2.69
June							2.67	4.91	1.46	1.68
July							4.33	3.37	2.58	4.70
August							3.22	5.18	3.15	4.43
September							3.42	5.64	3.1	10.96
October							2.30	3.86	4.56	12.18
November							3.27	2.41	10.93	7.13
December							3.96	5.54	10.71	5.38
TOTALS							42.10	49.94	53.73	71.87
							D	D	D	D

Dec. 56 Newg. established on site recommended. Trees will be kept back & turf wall will be built.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SK(25)808838

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60