

RAINFALL AT Tillicoultry

Lat. Lon. County of Clackmannan
 Rain Gauge, by Observer G. Watson
J. Wilson Esq.

Fork, L. Tunk - 1.

Diameter		5								
Height		6								
Altitude		50 T	65 T							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889 MEANS.
January				4.99	6.39	2.97	5.22	2.36	2.78	
February				2.41	2.69	3.95	1.29	2.34	.57	
March				1.64	3.33	3.10	3.90	1.71	3.65	
April			3.12	1.73	1.28	1.93	1.61	2.40	1.90	
May				1.94	1.99	4.07	3.94	5.24	1.42	3.63
June				4.96	3.11	.67	1.62	1.65	.77	3.06
July				4.81	6.19	5.74	1.67	3.44	2.69	6.13
August				2.19	6.84	2.44	2.76	1.91	4.08	1.83
September				3.56	2.66	2.24	6.07	5.61	2.85	1.09
October				4.75	3.63	3.76	2.22	5.58	1.35	2.00
November				5.68	5.51	2.56	1.80	3.21	3.72	5.15
December				5.93	3.10	6.20	2.41	4.14	2.39	2.31
TOTALS				43.57	41.37	34.44	42.80	28.08	34.10	NR

Tillicoultry Church $\frac{1}{4}$ mile E

Cottage 15 ft high 36 ft N

1883 Tillicoultry Ch. $\frac{1}{2}$ m. S.

Bushes 10 ft high 9 ft N.

Garden Wall 5 ft ~ 20° S.

RAINFALL AT Tillicoultry

Lat. Lon. County of Clackmannan
 Rain Gauge, by Observer D. W. Currie

Forth, L. bank - 1.

Diameter	5									
Height	1	-								
Altitude	75	T								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	MEANS,
January.....										
February										
March										
April			3.09							
May			1.93							
June			5.02							
July			4.77							
August			2.14							
September.....			3.49							
October			4.68							
November....			5.71							
December....			5.27							
TOTALS										

Tillicoultry $\frac{1}{3}$ mile S.E.

Stone 35 ft high 50 ft S.

Wall 6 ft. 18 ft N.

RAINFALL AT Tilliconty, Tilliconty House

Lat. Lon. County of Clackmannan
 Rain Gauge, by Observer C. A. Mitchell.

Forth, L. bank - 1.

Diameter												
					5							
Height					0.1							
Altitude												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January					5.44	3.20	6.25	2.42	4.02			
February					4.04	4.23	1.37	2.26	.76			
March					6.96	2.86	4.04	1.99	4.55			
April				#	2.02	3.52	2.19	1.80	2.55	2.28		
May					1.00	4.47	3.85	5.62	1.50	3.61		
June					3.48	.62	1.70	1.54	.89	2.92		
July					7.27	5.28	1.74	3.79	2.56	5.77		
August					4.93	1.74	2.84	1.89	3.29	3.49		
September					2.46	2.67	6.59	5.77	4.26	.80		
October					4.90	2.47	2.89	5.21	1.48	2.28		
November					4.60	3.90	1.84	3.17	3.89	8.85		
December					4.65	6.94	3.12	4.64	2.56	2.40	#	
TOTALS					48.10	37.05	45.09	29.65	41.73			

1884 Tilliconty Church $\frac{1}{2}$ mile S.W.
 Venery 20ft high 20ft N

RAINFALL AT Tillicoultry House

Lat. Lon. County of Clackmannan
 Rain Gauge, by Observer A. Mitchell

Forth, L. bank - 1.

Diameter							5				
Height							1.1				
Altitude											200?
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						(3.25)	5.27	2.51	3.93	1.41	
February						4.16	1.36	2.38	.61	1.91	
March						2.81	3.43	1.77	3.76	1.44	
April						2.12	1.79	2.55	2.34	3.55	
May						3.76	5.02	1.43	3.84	4.21	
June						1.75	1.54	.88	2.94	.85	
July						1.83	3.82	2.80	5.79	2.25	
August						2.86	1.93	3.53	3.55	5.34	
September....						6.62	5.86	4.42	.81	1.40	
October						2.84	5.29	1.52	2.40	4.04	
November....						1.83	3.21	4.06	8.71	1.55	
December....						3.13	4.31	2.54	2.60	2.55	
TOTALS						(36.91)	42.83	30.39	41.18	30.50	

Tillicoultry Church 1/2 S by W

RAINFALL AT Tillicoultry Tillicoultry House R: 1

Lat.

Lett.

County of Blackman

Forth L. bank - 1.

Rain Gauge, by

Observer fol a Mitchell

RAINFALL AT Tillicoultry Tillicoultry House No 2

Lat.

Len. County of Blackman

Rain Gauge, by —

3.3.3. *Scutellaria*

Form L bank - 1:

Observer Col a Mitchell

RAINFALL at Tillicoultry, Westbourne.

5460

County of Clackmannan

Observer

J. Patterson, Esq., per S.M.S.

River Basin Forth, Lower - Lt Br Tribes - I.

Mrs. A. J. Wilson per S.M.S.

Rain Gauge, by

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height											
Altitude ...											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...					2.59	1.90	4.47	1.69	3.53 (3.80)	13.49	
February ...					3.61	5.41	3.87	.59	3.39 (1.30)	9.15	
March					4.29	1.94	1.97	1.61	.88 (2.70)	7.16	
April					1.53	1.60	2.29	1.50	.69 (2.40)	6.88	
May					2.70	1.10	4.55	2.48	2.14 (1.05)	10.22	
June.....					.69	1.76	3.16	1.85	.83 (2.30)	8.14	
July					3.74	3.80	4.27	1.48	3.08 (1.36)	10.19	
August.....					4.02	4.65	2.60	5.10	2.84 (2.46)	13.03	
September ..					1.07	1.52	1.16	2.07	4.85 (2.56)	10.34	
October ...					1.71	3.34	5.96	4.17	3.40 (1.81)	14.74	
November..					3.97	2.23	4.37	3.92 (2.60)	4.01	14.90	
December...					6.99	5.25	4.19	1.93 (3.40)	6.63	16.15	
TOTALS ...					36.91	34.59	42.86	28.39	31.66 (31.48) avg	136.39	

1914 values entered by M. G. Edie. 22/11/33.

73148

Env. m. D. 1891-1915 av.
 Env. m. D. 1891-1915 av.
 34.9 : 34.5 = 100% 91

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Tillicoultry, West Lothian

County of Clackmannan

Observer Mr. [a. g.] Willison

River Basin Forth, Lower 1.

Rain Gauge, by

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

Reference No.

RAINFALL at Tillocculty School

County of Blackmannan

Observer R.D. Christie

M.O. Edin.

River Basin Forth, Lower I.

W. D. Robison, Esq. (Retired July, 1923)

Snowdon Rain Gauge, by

J. S. Glies, Esq. (May, 1926.)

Diameter ...	5	5									
Height	1 . 0	1 0									
Altitude ...	71	71									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	5.46	4.49	2.65	3.78	5.02						
February35	2.89	4.22	1.07	4.85						
March	3.92	2.27	1.61	1.75	2.03						
April.....	1.11	2.22	3.36	2.16	4.46						
May	2.06	2.52	1.75	4.96	5.09						
June	1.92	2.20	1.85	1.10	2.09	1.39					
July	2.72	3.08	4.03	3.75	4.59						
August	4.51	5.74	2.14	6.87	4.00						
September...	2.64	1.70	1.78	3.96	3.47						
October.....	1.32	4.03	1.91	3.95	3.20						
November...	3.78	2.38	2.83	2.94	2.91						
December...	4.20	4.49	2.66	2.98	5.64						
TOTALS...	..	34.52	31.59	39.17	39.22				NR	NR	#
		3	3	3	3						

1924. House 30 ft high
Wall 7½ ft
Well 42 ft
Sledge 27 ft

1925. July, record interrupted, resumed January, 1926.

W.E.W.

SEE

W.S.W.

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	Parish Church.	Distance from gauge
1924.	56° 9' 10"	3° 44' 26"	Tillocculty	31 ch 10° NNE	Tillocculty	205 ch 2° S 45° ESE

RAINFALL at *Silicoutry (Westbourne)*.County of *Blackmann* Observer *Mrs. Willison*.River Basin *1-20th Lower - Left Bank*.

Type of Gauge.

Annual Average *34.5* in. based on *16* years obs. *unweighted*. Period of average *1881-1915*. Ref. *Summary*
Computed x 1/36

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean
Height	1.0											
Altitude	66											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January		3.31	4.53	2.95	3.35	1.11	5.77	4.18	5.52	4.16	1.64	3652
February		2.92	.08	3.49	1.13	2.48	3.18	4.41	1.09	4.56	1.48	2382
March		1.13	2.60	2.13	4.32	1.62	2.70	2.89	1.39	2.74	3.23	2475
April		2.43	3.34	1.63	5.52	3.03	1.35	1.74	.39	1.66	2.96	2405
May		3.36	3.42	1.47	2.03	.55	.88	2.34	4.28	1.94	1.71	2198
June		6.11	1.07	1.50	1.94	3.27	1.48	2.38	5.05	2.52	.57	2569
July		5.57	3.51	4.39	3.63	1.40	3.56	3.15	4.35	5.76	4.07	3939
August		1.81	1.34	2.37	3.69	3.12	3.45	3.89	2.27	2.97	1.30	2621
September		1.40	3.10	1.37	3.88	5.10	3.96	2.14	4.55	2.62	3.05	3107
October		2.81	5.47	2.91	5.19	7.54	3.46	2.95	7.19	2.70	4.27	4449
November		6.78	2.40	2.08	.72	4.05	3.11	.56	6.15	6.47	5.09	3741
December		1.94	6.21	1.16	4.95	2.29	3.91	3.36	2.63	1.45	3.03	3143
TOTALS		39.57	37.07	27.45	39.35	35.56	36.81	33.99	44.86	39.75	3240	36681
		2	2	2	2	2	2	2	2	2	2	2

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	Direction from gauge

79-894986

Station No.

5460

RAINFALL at Tillicoultry (Westburn) (The Cemetery) 41County of ClackmannanObserver Mrs. W. Miller ^{and 1946}River Basin 1-Forth, Lower Left BankR. Scarp gradient sq

Type of Gauge

The Superintendent 1948Annual Average 34.2 in. based on 16 years obs. un-weighted. Period of average 1881 - 1915. Ref Survey

File No.

Diameter	5"	894	986	*	5"						
Height	1' 0"			1		1' 0"					
Altitude	66'			41		80'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.50	5.19	4.50	3.29	3.20	3.96	4.29	6.08	2.93	2.32	38.26
February	3.76	1.38	2.07	1.16	4.51	2.51	3.10	4.04	2.72	3.39	28.64
March	2.70	3.24	1.10	2.20	2.09	2.57	4.30	1.86	1.53	2.86	22.45
April	1.35	2.77	1.68	2.19	1.35	.71	4.22	2.67	2.61	2.56	22.11
May	3.89	3.07	5.09	1.98	4.57	1.79	3.72	3.20	1.74	1.46	30.51
June	0.91	1.22	2.45	2.48	3.20	2.19	3.99	5.02	.84	1.95	25.25
July	3.04	2.31	2.75	2.66	3.56	4.42	4.00	3.01	2.66	5.05	33.46
August	4.42	3.74	5.09	2.67	2.88	4.02	.01	7.43	3.34	3.57	37.17
September	1.50	4.77	4.00	3.45	6.15	(6.00)	3.52	4.29	1.56	8.26	43.50
October	4.62	3.78	6.58	3.71	5.16	(6.00)	1.85	4.45	5.87	2.10	38.72
November	3.17	.53	2.41	6.25	.37	5.92	3.55	3.09	3.14	2.01	30.44
December	2.16	3.28	1.41	4.66	3.48	3.35	1.96	4.44	4.47	2.19	31.40
TOTALS	34.02	35.28	40.13	34.70	40.52	38.04	39.51	49.58	33.41	37.72	381.91

*Sep & Oct estimated from nearby rains

x 19/10/46 Gauge moved 550yds East.

1946. Hedges 5' high, Sycamore N, Sycamore E, 3yds W, 4 S, S.

00144

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
1946			Tillicoultry	600 yds	S.W.	Tillicoultry	319 yds W.

Station No. 5460

RAINFALL at Tilliecultry (The Cemetery)

51

County of Clackmannan Observer The SuperintendentRiver Basin Forth Lower Left Bank - 1

Type of Gauge.....

Annual Average 24.5 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter ...	<u>5"</u>				894	986					
Height ...	<u>1' 0"</u>						1				
Altitude ...	<u>80'</u>						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.79	2.20	1.27	2.64	2.14	2.76	4.61	2.04	1.21	2.56	
February	2.63	.64	.97	3.01	2.23	1.56	2.27	2.18	1.12	2.42	
March	2.71	3.33	.79	3.05	1.79	1.71	3.92	1.03	1.61	1.69	
April	1.70	1.58	1.78	1.13	1.37	.47	1.16	1.13	2.57	2.02	
May	1.52	1.59	1.71	5.56	3.19	1.79	2.38	2.66	1.06	2.28	
June	2.02	2.61	2.27	2.95	1.63	3.16	1.56	3.11	1.74	1.97	
July	5.41	2.43	4.65	2.36	1.27	3.62	4.67	3.97	5.11	3.86	
August	4.47	4.84	2.33	4.72	1.33	6.10	3.28	3.15	.57	3.72	
September	3.27	1.75	3.86	4.67	2.68	3.80	1.77	3.71	.92	2.80	
October	.58	2.95	2.04	7.41	2.74	2.49	2.90	2.49	2.25	3.10	
November	5.00	1.42	4.14	5.76	1.56	.82	1.97	1.37	5.21	3.80	
December	4.25	4.14	3.66	4.11	6.75	4.04	4.09	5.19	5.17	2.98	
TOTALS ...	38.35	29.48	29.47	47.37	27.68	31.32	34.67	32.03	28.54	32.70	
	D	D	D	D	D	NP. low					

1956 low.

1958 low.

1959 low.

1960 s.p. on inst. left.

Position of Station on Ordnance One-Inch map :	No. of Map	National Grid Reference NS(26) 925970				
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1914, 1916-19	✓	✓ ..	✓	

215, 17 and 18 ✓ ✓ ✓ But 246 + 49