

RAINFALL AT St Andrews Waterworks

Lat.

Lon.

County of Fife

Smender
seen - 3.

Rain Gauge, by F. Gordon

Observer

W. Watson Esq

Diameter ..					5						
Height					1.0						
Altitude ..					217 ft						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					2.16	.46	2.75	1.23	1.77	2.15	
February ..					4.65	.90	.94	1.28	.76	.84	
March					1.37	2.69	1.08	1.54	3.37	3.05	
April					1.71	1.81	.98	1.60	1.07	3.56	
May					1.94	1.33	5.39	4.72	1.76	2.57	
June83	.64	1.09	2.84	.95	.95	
July					1.30	1.48	1.11	1.86	2.10	3.73	
August					4.50	2.75	4.80	3.63	2.95	2.41	
September..					2.60	1.50	1.02	1.02	3.95	1.47	
October....					.52	1.71	4.36	5.84	3.37	3.39	
November..					.50	4.60	2.79	2.58	1.96	.43	
December ..					1.76	1.41	1.67	3.43	1.32	3.50	
TOTALS ..					23.84	21.28	27.98	31.57	25.33	28.05	

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1906 St Andrews Church 1 mile N

Station 1 N

7 am 20 ft high 40 yards SW

1909. .75 in. entered on June 1st. was put back to May 31st. altering the totals from 1.82 and 1.70 to 2.57 and .95 in. respectively. This may have been caused by reading at 8 am.

RAINFALL at St Andrews Waterworks

5496

County of LifeObserver W. Watson Esq.River Basin Eden & Co. 3.G. Smith Esq. Ch.
W. C. Laddowes Esq. " B.E.Snowdon Rain Gauge, by Llandudno (Pwllheli)

Diameter ...	5										
Height	1 0										
Altitude ...	217 π										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	5493 Mean.
January ...	2.15	1.09	2.78	3.82	1.56	2.12	2.01	1.74	2.26	3.11	9.12
February ...	2.47	1.54	2.12	.72	2.67	4.91	2.83	.85	1.92	2.08	8.08
March	1.40	.75	2.03	3.49	3.42	1.44	2.92	1.10	1.00	1.93	6.95
April	2.82	.74	.02	2.03	.96	.76	1.98	1.56	.78	1.66	5.98
May	1.30	1.04	1.34	3.25	2.10	.97	2.93	1.46	3.31	.92	8.62
June	1.52	.86	2.85	1.62	.77	1.61	3.17	1.09	.82	1.39	6.77
July	2.48	1.04	1.86	.83	1.95	3.07	6.00	1.34	3.35	.77	11.46
August	5.40	.85	4.33	1.37	1.81	3.84	3.57	4.05	1.74	1.88	11.24
September ..	.85	.75	2.43	1.90	.54	2.12	1.29	1.09	3.73	1.53	7.34
October ...	1.81	1.86	3.91	1.70	2.64	3.71	3.90	2.47	2.49	1.55	10.41
November ..	2.84	3.73	1.63	2.13	3.42	1.74	1.68	2.93	1.55	4.73	13.79
December ...	2.19	4.70	2.63	1.52	5.26	6.39	3.37	1.26	1.97	4.87	11.47
TOTALS ...	27.23	18.95	27.93	24.38	27.10	32.68	38.85	20.94	24.92	56.52	111.23

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1913 Jan 20 ft high 400 yards S.W.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			St. Andrews	1 1/2 mile	N.	St. Andrews	1 1/2 mile	N.
1912	56.19.30	2.48						
(also 1914)	56.20	2.45						

RAINFALL at St. Andrews Waterworks (Pipeland W.W.)County of LeicObserver W. Watson Esq. C.E.River Basin Eden & C. 3Water Engf St. AndrewsSnowdon Rain Gauge, by S. Loudon (Dundee)
M.O. Hutton (125)

Diameter ...	5			5								
Height	1 0			1 0								
Altitude ...	217			217								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	2.22	2.93	(3.35)	2.08	2.19	2.49	4.64	2.12	6.09	1.12	1.93	31.16
February ...	1.66	.31	2.25	4.52	.80	3.68	4.41	1.11	1.52	1.18	.60	22.04
March	1.88	2.42	2.23	1.51	.92	1.47	1.04	2.11	3.02	.20	1.89	18.39
April	1.91	.90	1.69	2.37	1.52	3.82	1.75	1.08	.84	1.40	1.68	18.91
May	3.09	1.86	.81	1.09	3.51	3.78	1.64	2.25	1.28	2.49	1.89	23.09
June56	.48	1.43	.76	1.49	.39	2.90	1.76	3.94	1.27	1.55	16.53
July	2.19	1.95	4.35	1.50	5.45	1.07	2.33	2.84	2.02	3.05	2.45	29.20
August	3.32	3.03	1.69	4.00	1.72	1.91	2.09	4.98	3.99	3.58	5.76	36.07
September...	1.64	.98	2.35	1.95	4.99	3.03	3.93	4.78	2.50	.64	5.82	32.11
October	2.15	3.06	1.94	2.42	4.39	2.30	4.82	4.77	3.71	2.23	2.93	34.72
November...	2.36	2.49	1.31	2.44	1.50	.90	4.92	1.88	3.37	3.79	4.87	29.33
December...	3.93	1.59	2.02	2.59	3.37	2.21	.29	1.93	3.08	4.19	3.01	28.21
TOTALS...	26.91	22.00	28.42	27.23	31.85	27.05	34.76	31.61	35.36	25.14	32.43	319.76

1920 Farm 20 ft high 400 yds S.

1922 Jan. corrected for wind.

1929, Oct. 1. Corrt. by surt. stations. Obs. concurs.

Position of Station on reduced Ordnance Survey }
Map, 2 miles 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
1920	25° 20'	2° 45'	St. Andrews	1 1/2 mi	N	St. Andrews	1 1/2 mi	N

RAINFALL at St. Andrews (Waterworks)County of WestObserver W. Watson, D.F. Bungie Surveyor
died (1937) (Paint 1937)River Basin S. Eden &c.

Type of Gauge

Annual Average 27.3 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref 5

Diameter	5.											
Height	1.0											
Altitude	217											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SWMS Means	
January	2.96	2.58	1.75	1.78	.93	4.57	2.91	4.59	4.51	1.59	28.17	
February	1.36	.13	1.62	.04	1.54	3.53	3.19	.49	2.78	1.21	15.89	
March	.89	2.83	1.26	3.30	1.11	2.51	2.28	.58	2.79	2.92	20.47	
April	1.91	2.33	.96	4.46	2.93	.56	1.89	.07	.88	1.43	17.42	
May	2.72	2.76	1.21	2.08	.93	1.26	2.83	3.29	1.14	1.28	17.50	
June	4.48	1.49	1.00	1.90	3.69	1.32	.92	2.52	1.61	.31	17.24	
July	4.15	2.44	1.95	2.42	.72	4.45	3.41	3.17	3.02	6.47	32.20	
August	3.47	.36	.87	3.41	1.88	.97	3.60	1.83	1.70	1.14	17.23	
September	1.46	1.72	1.56	2.88	3.61	2.57	1.60	2.95	1.68	2.05	22.08	
October	1.15	5.97	2.98	2.51	3.95	1.19	2.92	3.83	3.42	3.63	32.55	
November	7.18	1.49	1.78	.84	4.28	2.49	.36	4.28	4.19	5.09	31.78	
December	.67	3.03	1.11	4.40	2.19	1.82	3.58	3.28	1.17	2.03	23.28	
TOTALS	32.40	27.13	18.05	30.02	27.76	27.24	30.49	30.88	28.89	29.15	282.01	

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
1931.			St. Andrews	1 1/2 m	N.			

885471

Station No.

5496

RAINFALL at St. Andrews (Waterworks)

41

County of TifeObserver Bugh SurveyorRiver Basin 3 - Eden - C.Type of Gauge M.O.Annual Average 27.3 in. based on 24 years obs. unweighted. Period of average 1881 - 1915 Ref. S

File No.

Diameter	5				885	471					
Height	1'0"					1					
Altitude	217					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	5yrs Means
January	254	371	481	141	369	154	381	362	116	117	2746
February	535	190	82	82	232	115	243	214	182	205	2050
March	232	169	92	56	109	209	409	78	146	278	1778
April	194	151	116	241	126	27	225	112	122	162	1476
May	115	380	350	153	372	185	418	249	155	201	2578
June	080	098	160	223	204	201	243	373	81	77	1760
July	217	266	227	356	328	322	144	176	261	289	2586
August	216	210	558	201	371	321	40	623	278	277	3095
September	85	214	265	308	259	346	180	209	148	669	2683
October	342	195	246	323	479	75	142	335	374	199	2710
November	326	063	86	443	119	711	172	142	335	404	2801
December	122	214	135	254	370	289	140	335	241	127	2227
TOTALS	2715	2521	2798	2781	3338	2955	2737	3208	2409	3025	28490
	D	D	D	D	D	D	D	D	D	D	D

Observer states gauge sound. Site satisfactory.

1.3. Wall of water well 4'10" high 16'3" N. Boundary wall 2'5" to 4'7" high
31'8" W.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.
1943			St. Andrews	2100 y.	S. W. of N.	St. Andrews	2000 y.	S. E. of N.

BRITISH RAINFALL ORGANIZATION

Station No. 5496

RAINFALL at St Andrews (Watnitska)

51

County of Life

Observer Hugh Sherrington 1953

River Basin Eden & Co. 3

Type of Gauge M.D.

Annual Average 27.3 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. S

28.51 - 35 - 1916-1950

1916-1950 P

Diameter ...	5"				885	471						
Height ...	1'0"					1						
Altitude ...	217'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.77	1.14	0.57	1.50	1.51	2.43	3.48	2.47	0.81	3.88		
February ...	2.72	0.61	.72	2.41	2.01	1.80	3.82	2.57	.46	2.72		
March ...	2.43	2.52	.44	2.32	2.14	1.34	1.97	4.89	1.26	1.69		
April ...	2.31	1.26	2.07	1.29	.81	.96	.79	1.81	2.58	2.02		
May ...	2.34	1.73	1.82	3.46	2.11	.66	1.70	2.07	.80	1.81		
June ...	1.71	2.66	.87	2.19	.87	2.89	.75	2.42	2.27	1.60		
July ...	3.09	1.67	2.80	2.00	1.43	4.35	6.02	6.09	2.70	2.71		
August ...	4.28	3.06	2.12	2.31	.39	5.70	3.49	3.27	.68	4.07		
September ...	1.60	1.27	2.69	2.70	.84	4.86	1.58	1.86	.56	2.21		
October ...	0.27	2.42	1.91	6.45	1.77	1.14	1.79	1.76	1.69	4.78		
November ...	6.72	2.17	2.95	4.63	1.41	.70	1.20	.67	4.75	3.97		
December ...	2.54	2.01	3.38	3.28	4.32	3.39	3.10	4.49	5.81	2.43		
TOTALS ...	33.78	22.52	22.34	34.54	19.61	20.14	29.69	34.37	24.37	33.89		
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference NO(37) 505148

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-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓	✓ except 31-32	✓	