

RAINFALL AT *Swanage*

Lat.

Lon.

County of *Dorset*

Rain Gauge, by

Observer *Rev H Poi*

Form-3.

Diameter								<i>.5</i>			
Height								<i>2.0</i>			
Altitude								<i>60</i>			
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									<i>1.65</i>	<i>.85</i>	
February									<i>.92</i>	<i>1.54</i>	
March									<i>3.46</i>	<i>2.12</i>	
April									<i>1.29</i>	<i>1.88</i>	
May								<i># 1.91</i>	<i>1.93</i>	<i>1.39</i>	
June								<i>.71</i>	<i>2.37</i>	<i>.66</i>	
July								<i>.65</i>	<i>3.08</i>	<i>2.08</i>	
August								<i>1.87</i>	<i>2.09</i>	<i>2.73</i>	
September....								<i>3.01</i>	<i>1.83</i>	<i>.59</i>	
October								<i>2.45</i>	<i>2.35</i>	<i>6.48</i>	
November....								<i>2.74</i>	<i>5.87</i>	<i>1.39</i>	
December								<i>2.05</i>	<i>2.03</i>	<i>2.51</i>	
TOTALS									<i>28.87</i>	<i>24.22</i>	

RAINFALL AT

Swanage

Lat.

Lon.

County of Dorset

Rain Gauge, by

Observer The Meteor. Society

Frame - 3.

Diameter				5							
Height		1. 0									
Altitude		178									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January		3.04	1.22	2.66	2.17						
February		3.49	1.28	4.29	2.75						
March		2.89	.84	.94	2.53						
April44	3.83	71	1.43						
May81	1.67	2.33	1.23						
June		2.02	3.09	2.82	3.37						
July		1.37	2.66	1.77							
August		4.17	1.75	1.09							
September		2.03	3.30	4.28							
October		1.58	7.76	2.24							
November		5.67	3.70	3.55							
December		2.86	3.22	.68							
TOTALS		30.37	34.92	27.36							

N.B., annual values rejected from survey, 1928.

RAINFALL AT *Swanage*

Lat. _____

Lon. _____

County of *Dorset*

Rain Gauge, by _____

Observer *Rev H Pix*

Frame - 3.

Diameter	5										
Height	20										
Altitude	60										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.54	2.46	1.43	2.15	4.47	3.88	1.14	2.04	.70	4.12	2.593
February77	.03	1.23	3.38	3.15	.06	.26	3.92	2.83	3.07	1.870
March	1.15	2.67	.64	.25	1.64	2.02	2.90	5.15	1.02	.57	1.801
April	2.71	1.11	.88	.14	2.17	2.41	.49	2.27	1.23	2.71	1.612
May	2.07	1.50	1.20	.66	1.27	.26	.30	1.34	3.40	.98	1.298
June	2.75	1.67	1.08	1.08	1.83	1.82	2.08	2.31	1.30	1.36	1.728
July	2.28	1.73	2.84	5.43	7.06	3.11	1.34	.75	.20	.54	2.528
August	2.67	6.03	2.86	.89	1.97	2.42	2.05	3.15	1.79	.56	2.429
September....	1.70	1.41	3.10	1.86	3.50	.18	10.43	2.82	1.35	4.62	2.097
October	1.07	8.31	4.15	4.13	4.64	5.01	3.18	1.18	4.29	2.09	3.805
November....	2.52	3.70	3.59	1.74	6.56	5.13	.74	1.48	4.01	4.67	3.414
December	1.77	3.79	2.28	3.00	2.53	3.52	4.79	4.96	3.70	2.17	2.251
TOTALS . . .	25.00	34.41	25.28	24.71	40.79	29.82	29.70	31.37	25.82	27.46	29.426

RAINFALL at SwanageCounty of Dorset Observer W. Wright, Esq.River Basin Frome & L. - 3. for U.D.C.Rain Gauge, by J. O.

Diameter ...									5		
Height									10		
Altitude ...									40		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...									5.80	1.62	3.75
February ...									2.43	1.13	.62
March									2.53	.03	1.25
April									1.84	1.05	1.64
May94	2.07	2.21
June									2.37	1.41	.54
July									1.48	1.39	1.07
August									1.88	1.89	2.51
September...									1.66	.48	2.94
October									6.30	4.45	2.61
November...									3.35	7.49	5.47
December...									3.58	5.45	3.96
TOTALS...									34.11	28.46	28.57

1928. Stone platform of Sunshine Recorder, 4 ft. 6 in. high, 7-8 ft. N.

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
1928.			Swanage	1/4 m.	S.W.	Swanage	1/4 m.	S.W.

RAINFALL at Swanage

M.W.R.

County of Dorsetshire

Observer W. Wright Esq.

River Basin Frome & C. - 3.

The Engineer UAC

Type of Gauge A.C.

The Clerk to the U.D.C.

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

Diameter	5.				5'						
Height	1.0.				1' 0"						
Altitude	40.				17'		14'				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.21	2.02				5.87	5.70	3.86	6.27	3.35	
February	1.69	.01	4 mil.			3.59	5.09	.79	1.56	3.74	
March	1.00	1.73				3.07	2.91	.39	1.21	2.86	
April	2.15	3.11	# discontinued?				1.45	2.62	.00	1.82	1.01
May	3.39					0.58	3.24	1.24	.76	1.22	
June	2.83					2.19	.35	.36	2.08	.24	
July	3.12					3.43	2.07	1.67	5.06	3.40	
August	2.74					0.14	1.97	2.84	3.81	.01	
September	1.72					2.81	2.26	1.54	3.34	1.82	
October	1.05	5			# 5.26	1.89	5.42	4.11	5.29	4.30	
November	4.35				7.71	3.57	2.23	5.36	6.97	8.11	
December	.75			8	4.41	3.03	3.83	3.34	1.66	2.84	
TOTALS	27.00				imp	81.92	3770	25.48	35.83	32.90	

1931. Sunbeam recorder stone base 5' high, 8' N.N.W.
Stone stairs for instruments 3' " , 4' N. E.

Inspected 7/10/32 see green file.

1930. GCs recommended X/35 as Health Resort Sta. Rain gauge moved to new site at Rabbling Rd. Height 6', 50' E SE Tapen measure in use
Bungales 17' 65' E-SE

Inspected 1936-1937. There are two rain gauges, one on the roof of the station in Victoria House. The latter site is excellent - a comparison is being made between the two gauges.
Inspected 1957/59 Rain gauge sheltered beneath by stone pillars - rim of gauge in Victoria House dismantled

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
1931.			Swanage	1/4 m.	S.W.	Swanage	1/3 m.	S.W.

Station No. 1556

RAINFALL at

Swanaqa

M.W.R.

41

County of Dorset

Observer The Clerk to the D.C.

River Basin From etc. - 3

Type of Gauge M.O.

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

File No. 222/125/10

Diameter	5"				350	278					
Height	1'0"					1					
Altitude	14'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.60	3.71	6.47	2.44	2.01	3.53	3.00	6.02	.86	.78	
February	3.68	.25	1.20	.55	2.02	3.17	1.73	1.10	1.06	5.16	
March	4.15	2.74	.93	.40	.95	1.21	4.41	.58	1.24	1.62	
April	1.74	1.45	1.01	1.81	.93	2.91	(2.00)	1.43	1.97	2.53	
May	1.91	3.68	2.12	.10	1.62	3.38		1.80	1.77	1.80	
June	1.26	.55	.98	1.82	2.71	3.59		2.45	.62	1.09	
July	1.55	1.88	2.59	2.63	1.20	1.41		1.51	.40	5.39	
August	3.70	3.29	1.43	3.13	1.64	3.96		3.39	.87	2.60	
September	.76	2.57	2.63	1.95	2.67	3.46		2.53	4.43	4.18	
October	.90	4.17	3.94	3.88	2.78	1.40		2.19	7.98	1.35	
November	2.18	1.44	1.74	6.16	.96	4.39		8.17	3.52	6.26	
December	2.26	4.09	3.02	2.06	4.76	2.89		4.35	2.41	(2.86)	
TOTALS	28.69 D	29.82 D	28.06 D	26.93 D	24.25 D	35.30 D	np.m.	29.22 d	27.13 D	35.52 d	264.92 (9 yrs)

1947 Record ceased temporarily

Inspected 2.11.48 by Mr. H.L. Pace. Satisfactory

00014

Inspected Mr. Glampole 15.6.49. Gauge over-exposed to S.E., but loss unlikely to exceed

percent. or 1 in. per year. more unlikely site, on level ground, with standard enclosure recommended

inspected. G.A. Livest 19/10/50. Grass in enclosure in poor condition. Site probably over-

exposed to N.E. & S.E.

1950 Dec part est M.O.

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.

BRITISH RAINFALL ORGANIZATION

Station No. 1556

RAINFALL at Swanage

(MWR)

51

County of DorsetObserver Clerk to the U.D.C.River Basin Freme & C-3Type of Gauge M.O. 4821/35
5065/40

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

" 30.56 " 23 " with 1928-57 " 1716-57 A201135/50

File No. A201135/50

Diameter ...	5				35	278					
Height ...	1'0" 8					1					
Altitude ...	14					51		37-45			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.87	2.15	1.02	1.56	3.42	4.72	1.56	3.31	3.95	3.36	29.92
February ...	6.93	.85	1.45	2.99	1.77	.09	3.05	3.22	.38	3.26	23.99
March ...	3.93	3.09	.43	4.09	.83	.88	2.30	1.29	3.00	1.78	21.62
April ...	2.03	1.93	2.11	.22	.69	1.70	.29	.48	2.22	1.84	13.51
May ...	3.33	1.85	2.61	1.54	3.94	.56	1.29	2.51	.77	2.15	20.55
June54	1.69	1.80	1.83	2.55	2.07	.97	2.71	1.95	1.46	17.57
July ...	1.40	.94	2.74	3.40	.60	2.78	2.17	1.84	2.79	3.56	22.52
August ...	3.91	2.15	2.55	2.82	.46	4.30	2.02	2.91	1.20	5.29	27.61
September ...	3.13	5.00	3.69	3.07	1.76	3.39	2.87	5.23	.45	5.54	34.13
October ...	1.01	4.04	2.49	3.64	5.23	.96	2.02	3.66	3.67	8.03	34.75
November ...	9.74	4.45	2.23	5.41	2.24	.45	1.68	3.44	3.27	6.30	39.21
December ...	3.65	3.34	.98	2.40	5.45	4.02	1.47	3.96	7.45	3.96	36.08
TOTALS ...	43.87	31.48	24.10	33.27	28.94	25.92	21.69	34.56	31.10	46.53	321.46
	D	D	D	D	D	D	D	D	D	D	D

1951. Inspected A.H. hander June 6. Rind at 19". Saw impression of 8" to 5" S.E. edge of 18" to 5".

17.4.52. Insp D. today. Slightly overcast to S.W. Grows to be cut. Rain W.I.I.

Insp N. Padlow 12.5.53. Insp like monitor. Recommended change to King gauge flying field or Prop. Pk.

Insp N. Blackwell 8.5.54. Gauge: Small light in funnel, instant hole in ground. Like a gently sloping ground. No other

Insp. by F.H. Dight 6.6.56. Large leak in conical section of gauge. Unsatisfactory. *Will be available*

1958. 13.5.58 new g. No 6709 purchased. (MHE) *19.5.58 likely to be up low.

1958 gauge resited new height Alt. 34' 37.45 ft. Given letter Sept 1958

1957. Gauge leaking n.p. low.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SZ40 030 794

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1928	31, 36-40 n.p. 36	41-46, 48-50	✓ build 48, 50
		✓	✓		