

RAINFALL at Winchburgh, HopetounCounty of Linlithgow

Observer

John Fyfe Esq.River Basin Almond & C-1J. W. Steven, Esq. (15)South-west bank of AlmondRev. Mr. Esq. (16)

Rain Gauge, by

Youngs Oil Co. Ltd.

Diameter ...				8							
Height				7 10							
Altitude ...				304 ft			327				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				139	2.12	1.26	3.45	1.59	2.51	2.47	
February ...				131	2.25	1.81	3.22	.74	3.35	1.41	
March				282	2.72	.98	2.42	1.11	.72	1.13	
April				206	1.09	1.18	1.88	.97	1.53	2.44	
May				110	1.77	1.26	4.62	1.49	2.41	.40	
June				1.47	.56	1.40	2.75	2.46	.71	1.89	
July57	2.50	3.49	3.70	1.55	2.97	.71	
August97	1.90	4.11	4.34	4.32	1.82	2.36	
September ..				215	.48	1.76	1.27	.81	4.06	2.14	
October ...				138	1.47	2.17	5.45	2.48	3.21	1.60	
November ..				269	3.20	.88	3.31	3.30	1.45	4.64	
December...				1.91	3.96	4.08	3.10	2.15	1.98	3.02	
TOTALS ...				19.82	24.02	24.38	39.51	22.97	26.72	24.21	

mph D

1919. Bench of Report. 33 ft. high 170 ft. N.
 Spent shale Benj. 40 ft. S.
 Set of Ordovician 30 ft. E.
 Open country — W.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1916	55°57'	3°28'	Winchburgh	1 mile	N.E.	Winchburgh	3/4 mi.	N.E.

RAINFALL at ^{Winchburgh} ~~Quinsford~~ (Knapton Oil Works)

County of LincolnshireObserver Young's Oil Co. Ltd.,
per Scott, Chas. Lee.River Basin 1 Humber &c.Swansea &c. (d.)(1916) Slusher Rain Gauge, by _____

Diameter ...	8				8"						
Height	7.10				7' 10"						
Altitude ...	327				319'						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	2.04	3.28		1.22	2.37		2.89	2.56	4.80	.75	4.78
February ...	2.59	.28		2.75	2.67		3.48	1.68	2.80		.55
March	2.33	3.05		0.65	1.87		1.42	1.96	1.18		2.38
April	1.57	.82	1.94	2.10	3.33		1.45	.90	.66		.94
May	2.79		1.30	0.88	4.14		2.03	1.56	1.43	1.24	1.52
June	1.28		1.57	0.75	.08		2.60	3.53	4.85	1.64	2.15
July	3.38		2.96	2.95	2.38		2.76	3.58	1.70	2.04	3.20
August	5.67		1.38	4.40	2.76		1.78	6.10	4.40	3.51	5.80
September...	1.40		1.54	2.43	(4' 10")		3.08	5.64	2.27	.43	3.73
October73		1.76	2.34	2.39		3.90	3.41	3.58	2.51	3.50
November...	2.41		.94	2.57	.65		4.05	1.55	3.21		4.23
December...	2.26		2.70	2.12	1.90		.48	1.20	2.63	3.60	1.80
TOTALS...	29.45	imp.	imp.	(25.16)	(28.64)	---	29.92	33.67	33.51	imp.	34.58

1923 low up. 1925. Gauge tampered with in Sept. Values interpolated

1919. Back of retort. 33 16 h x 170 ft N.
 Back of stable. 40 " " 200 " S.
 Set of barometer. 30 " " 300 " E.
 Open country. - - - - - 60.

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

Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long. _{W.}	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1916.	53° 57'	5° 28'	Winchburgh.	1 m.	N.E.	Winchburgh	3/4 mi	N.E.

RAINFALL at *Winchburgh (Hopton Oil Works)*County of *Lincolshire*Observer *Scottish Oils Ltd.*River Basin *1- Almond & c.*Type of Gauge *Glaisher*Annual Average *33.3* in. based on *6* years obs. *un-weighted*. Period of average *1881-1915* Ref. *Survey*.
computed x1136

Diameter	8"										
Height	2' 2"										
Altitude	327'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.70	4.06	3.07	3.72	1.63	5.25	2.00	4.02	4.92	(2.21)	
February	2.17	04	1.88	.15	4.54	2.62	3.10	3.12	3.09	(1.29)	
March	1.40	2.54	1.17	3.44	.81	2.20	1.50	1.49	3.67	2.51	
April	2.70	3.28	1.88	4.48	3.11	.50	1.10	.13	1.35	2.85	
May	1.14	3.33	2.38	1.82	.74	.53	2.45	4.57	.70	1.83	
June	7.35	1.27	2.41	3.07	2.23	.40	1.29	5.61	1.28	.39	
July	4.99	1.57	5.89	4.02	.95	4.89	4.30	3.47	2.88	6.74	
August	4.85	1.27	1.59	4.62	1.01	.46	4.81	2.06	.96	.77	
September	1.85	2.44	2.35	2.88	3.42	2.03	2.62	2.36	.84	2.29	
October	2.07	6.30	2.99	5.88	7.14	3.35	3.09	6.97	3.35	3.93	
November	5.36	2.15	1.46	1.37	2.21	3.40	1.81	5.72	4.58	3.32	
December	1.51	6.24	.42	3.46	3.25	3.80	2.20	2.05	1.95	2.57	
TOTALS	35.09	34.49	27.49	38.61	32.04	29.43	30.27	41.57	29.57	29.80	
	M.		M.	M.	M.	M.	M.	M.	M.		

1931. Set of condensers 30' high 92' N. Spent shale 40' high 90' S. Office 20' high 32' E.
Water storage Tanks 35' high 55' W.

x1136 Remarks prior to 1930 were rejected from Survey as too low.

1940 Jan. & Feb. apportioned.

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.			Winchburgh	3 m.	N.E.	Winchburgh	1 m.	N.E.

Station No. 5152

RAINFALL at Winchburgh (Hopton Oil Works) 41County of West LothianObserver Scottish Oil Ltd.River Basin 1- Almond & CType of Gauge ClaibornAnnual Average 23.3 in. based on 6 years obs. un-weighted. Period of average 1881 - 1915 Ref. Survey

File No.

Diameter	8'				899	157					
Height	2'2"					1					
Altitude	327'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.34	(4.23)	2.74	2.19	2.01	2.75	1.10	6.75	2.64	1.61	
February	2.42	(1.43)	2.19	.73	4.15	2.94	1.08	2.98	2.89	2.96	
March	1.91	1.39	2.65	.41	1.53	1.72	2.91	2.19	.56	2.50	
April	1.99	2.41	1.00	2.28	1.02	.45	NR	1.77	1.43	2.79	
May	4.36	1.47	(3.56)	2.17	3.63	2.08	NR	(2.00)	1.77	1.53	
June	.58	1.04	2.80	2.40	1.22	1.34	3.52	5.01	.89	1.76	
July	2.91	1.81	2.55	2.75	2.85	3.01	2.78	3.78	2.05	4.22	
August	4.34	1.80	(4.50)	3.98	2.33	3.61	NR	9.87	3.61	3.87	
September	0.65	3.64	2.95	3.99	2.23	4.57	1.73	3.51	1.82	6.15	
October	2.72	3.19	4.00	3.04	3.55	1.00	1.44	2.08	4.68	(2.50)	
November	1.58	.50	.85	6.23	.53	4.20	3.58	3.03	2.53	3.72	
December	1.11	1.38	1.90	2.73	1.78	2.43	1.98	3.09	5.50	2.29	
TOTALS	25.91	(24.29)	(31.69)	32.30	26.83	30.10	100	46.06	30.37	35.90	

1941 Set of condensers 30' high 92' N. 19 1948 May gauge Temp and W. at road.

Spent shale Bin 40' high 90' S.

Office Building 20' high 32' E.

Water Storage Tanks 25' high 65' W.

1942 Jan-Mar cond. for 1200 due to snow.

1943 May, Aug cond. 60004 02202

1945 n.p. low. Gauge leaking, repaired by 6246

1952 24 no reason why it is n.p. for 1950

02004

00044

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No. 36-023739

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Winchburgh	1 mi	NE	Winchburgh	3/4 mi	NE.

BRITISH RAINFALL ORGANIZATION

Station No. 5152RAINFALL at Winchburgh (Hematon Ore Works)

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County of West Lothian Observer Scottish Oils LtdRiver Basin 1 - Almond & CType of Gauge GlaisherAnnual Average 33.3 in. based on 6 years obs. up-weighted. Period of average 1881-1915 Ref. Survey

File No.

Diameter ...	8"				899	157					
Height ...	2'0"					1					
Altitude ...	337'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.84										
February ...	2.02										
March ...	3.16										
April ...	3.56										
May ...	1.02										
June ...	1.82										
July ...	4.98										
August ...	5.89										
September ...	1.76										
October ...	0.61										
November ...	5.00										
December ...	4.14										
TOTALS ...	26.80										

1951 Bats 30', 90' W. S.S. Ring 40', 400' SE; Open country N+E
 1952. gauge moved to uphill. Sta no. 5152/5/5

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Winchburgh	1 mi NE	Winchburgh	3/4 mi NE

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1913 D 17.	sp 23. mp 21, 22, 29.	✓	✓ p. 45, 50	