

## RAINFALL at

Dunfermline, HopetounCounty of Lanarkshire

Observer

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River Basin South Esk &c - 2.

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Rain Gauge, by

Young's Oil Lamp Co.

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	2.49	
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 .....				2.06	1.09	1.18	1.88	.97	1.53	2.44	
May .....				110	1.77	1.26	1.62	1.49	2.41	.40	
June .....				1.47	.56	1.40	2.75	2.46	.71	1.89	
July .....				.57	2.50	3.49	3.70	1.55	2.97	.71	
August .....				.97	1.90	4.11	4.34	4.32	1.82	2.38	
September ..				2.15	.48	1.76	1.27	.81	4.06	2.14	
October ...				1.38	1.47	2.17	5.45	2.48	3.21	1.60	
November ..				2.69	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	24.81	

inches

1919. Basis of Report:

33 ft. high

170 ft.

N.

Sandstone Bdg.

40 ft.

200 ft.

S.

Set of Ordinances

30 ft.

300 ft.

E.

Open country

—

W.

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

Wincleburgh  
RAINFALL at ~~Queensferry~~ (Kingsdown Oil Works)

County of Lancashire Observer Godfrey Oil Co., Ltd.  
for Scott, Abbott, Son.  
River Basin 1 Burn & C. Scottish Oils (d.)

(single) Glaisher 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	EBO. MEAN.
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	2.23	3.05		0.65	1.87		1.42	1.96	1.18		2.28
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	1.62
June	1.28		1.57	0.75	.08		2.60	3.53	4.85	1.64	2.15
July	3.28		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	.48	3.73
October	.73		1.76	2.34	2.39		3.90	3.41	3.58	2.51	3.50
November	2.41		.94	2.57	.15		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.		(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 robot. 22 ft 18" 60 ft N.  
Bank shale long. 40 " 200 " S.  
Set of boulders. 30 " 300 " E.  
Open country. - - 60:

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

Date.	Lat. N.	Long. <small>W.</small>	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1916.	55° 56'	2° 28'	Wincleburgh	1 m.	N-E.	Wincleburgh	3/4 mi N-E.

## RAINFALL at Winchburgh (Hopton wire works).

County of Linlithgow

Observer Scottish Wire Ltd.

River Basin 1-Almond &amp;c.

Type of Gauge Glass

Annual Average 33.3 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref Survey  
Computed xii/36

Diameter	8"											Means
Height	2' 2"											
Altitude	327'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.70	4.06	3.07	3.72	1.63	5.25	2.00	4.02	4.92	(2.21)		
February	2.17	0.4	1.88	1.15	4.54	2.62	3.10	3.12	3.09	(1.29)		
March	1.40	2.54	1.17	3.44	1.81	2.20	1.50	1.49	3.67	2.51		
April	2.70	3.28	1.88	4.48	3.11	1.50	1.10	1.13	1.35	2.85		
May	1.14	3.33	2.38	1.82	1.74	1.93	2.45	4.57	1.70	1.83		
June	7.35	1.27	2.41	3.07	2.23	1.40	1.29	5.61	1.28	.39		
July	4.99	1.57	5.89	4.02	1.95	4.89	4.80	3.47	2.88	6.74		
August	4.85	1.27	1.59	4.62	1.01	1.46	4.81	2.06	9.6	77		
September	1.85	2.44	2.35	2.88	3.42	2.03	2.62	2.36	1.84	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	3.21	3.40	1.81	5.72	4.58	3.32		
December	1.51	6.24	4.2	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.											

1931. Set of condensers 30' high 92°N. Spent shale by 40' high 90°S. Office by 20' high 32°E.  
Water storage tanks 25' high 55°W.

xii/36 Records prior to 1930 were rejected from Survey as too low.

1940 Jan. &amp; Feb. apportioned.

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.			Winchburgh	3/4 m.	N.E.	Winchburgh	1 m.	N.E.

Station No. 5152

## RAINFALL at Winchburgh (Hepburn Oil Works) 41

County of West Lothian Observer Scottish Oils Ltd.  
 River Basin 1-Almond & C  
 Type of Gauge Gough

Annual Average 22.3 in. based on 60 years obs. yr-weighted. Period of average 1881 - 1915 Ref Survey

File No.

Diameter	8"			899	137						
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	3.56	2.50	
April	1.99	2.41	1.00	2.28	1.02	.45	-1.00	NR	1.77	1.43	2.79
May	4.36	1.47	(3.56)	2.17	3.63	2.08	-1.00	NR	(2.00)	1.77	1.53
June	.58	1.04	2.80	2.40	1.22	1.34	3.52	5.01	1.89	1.76	
July	2.91	1.81	2.55	2.75	2.85	3.01	2.78	2.78	2.05	4.22	
August	4.34	1.80	(1.50)	3.98	2.33	3.61	-1.00	NR	3.61	3.87	
September	0.65	3.64	2.95	3.99	2.23	4.57	1.73	3.51	1.82	6.13	
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	32.00	26.83	30.10	7.00	46.06	30.37	35.90	
							Imp				

1941 Set of condensers 301 high 92' N. 19 1948 May gauge Torn down with Est road.  
 Spent shale Bins 401 high 90' S.  
 Office Building 20' high 82' E.  
 Water Storage Tanks 25' high 65' W.

02004 00044

1942 Jan - Mar cold for less due to snow.

1943 May, Aug cold 00004 02204

1945 no flow. Gauge leaking - repaired by 6.2.46

1952 set no reason why it is not full 1950'

Position of Station on reduced Ordnance Survey Map, No. of Map Reference No. N. 083739  
 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.
1941			Winchburgh	1 mi	NF	Winchburgh	2 mi	NE.

Station No. 5152

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## RAINFALL at Winchburgh (Whetstone Col Works)

County of West Lothian - Observer Scottish Obs Itd

River Basin 1 - Almond &amp; C

Type of Gauge Glazier

Annual Average 33.3 in. based on 14 years obs. unweighted. Period of average 1881-1915 Ref Survey

File No.

Diameter ...	8"			899	157						
Height ...	2' 0"										
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 ...	36.80										
	M										

1951 Butho 30°, 90° W. SS. Binn 40°, 400' SE; Open country N+E  
 1952. Gauge moved to uphall. Stnno. 5152/55

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

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1913	Imp 23. Imp 21, 22, 29.	/	✓ ✓ ab. 43, 50	-
		D 7.	-	-	-	-