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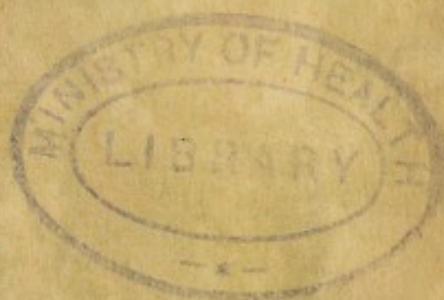
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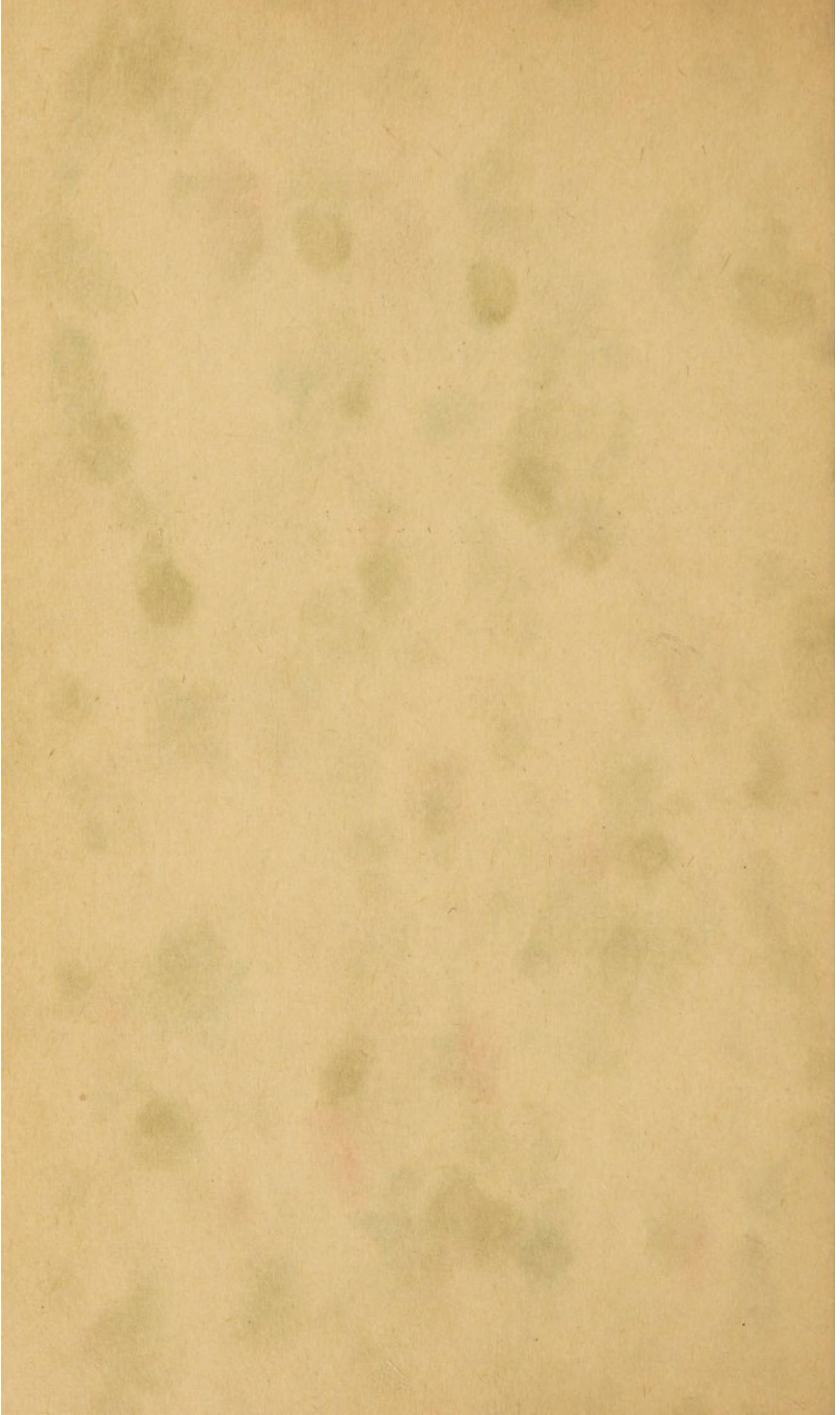
HEALTH AND SANITARY CIRCUMSTANCES
OF THE BOROUGH OF WEYMOUTH AND
MELCOMBE REGIS FOR THE YEAR 1947

also

Meteorological Report

E. J. GORDON WALLACE, M.B., Ch.B., D.P.H.

Medical Officer of Health.





Annual Report

on the

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OF THE BOROUGH OF WEYMOUTH AND
MELCOMBE REGIS FOR THE YEAR 1947

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LIST OF COMMITTEES CONCERNED WITH THE WORK OF THE DEPARTMENT.

* * *

PUBLIC HEALTH COMMITTEE.

THE MAYOR (Alderman C. H. J. KAILE, J.P.)

*Alderman A. BILES, J.P. (Chairman)

*Councillor Mrs. C. WOOTTON, M.A., (Vice-Chairman)

*Ald. R. S. COMBEN, C.B.E., J.P.	Councillor LAWSON JONES.
Alderman A. P. BURT.	Councillor R. W. LESTER.
*Councillor Mrs. D. B. BONE, M.A.	Councillor H. A. MEDLAM.
*Councillor Mrs. I. A. LEGH	Councillor F. C. MORRIS.
Councillor S. C. BURGESS.	*Councillor I. R. OXLEY.

MATERNITY AND CHILD WELFARE COMMITTEE.

As above with the following Co-opted Members:

*Mrs. K. CRIPPS, J.P., *Mrs. O. B. CHURCHILL, *Mrs. SEDGMAN,
*Mrs. CURTIS.

*Denotes Sub-Committee for M. and C.W. Assistance Applications.

STAFF—Public Health Department.

Medical Officer of Health:

E. J. GORDON WALLACE, M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health:

CHARLOTTE A. G. WARD, M.B., B.S., M.R.C.S., L.R.C.P.

Sanitary Inspectors:

F. A. FANNER, A.R.San.I., F.S.I.A.
R. G. S. NEWBOULD, M.S.I.A.
A. L. HARRIS, M.S.I.A.

Health Visitors:

Miss D. B. ALLGOOD, S.R.N., S.C.M., H.V.C.
Miss D. SUNDERLAND, R.S.C.N., S.R.N., S.C.M., H.V.C.
Miss G. E. KENNEDY, S.R.N., S.C.M., H.V.C. (Up to 4-4-47).
Miss E. EYLES, S.R.N., S.C.M., H.V.C. (From 1-5-47).

Municipal Midwives:

Miss E. COONAN, S.R.N., R.F.N., S.C.M.
 Mrs. L. CAMPBELL, S.R.N., S.C.M.
 Miss G. EMERY, S.R.N., S.C.M.
 Miss M. B. IRELAND, S.R.N., R.F.N., S.C.M. (Up to 11-3-47).
 Miss M. A. LANGTRY, S.R.N., R.F.N., S.C.M. (From 1-5-47).

Administrative Assistant:

Mr. V. W. V. CLARKE.

Clerks:

Mrs. M. F. BLACKIE.
 Miss B. BRYANT (Up to 31-5-47).
 Miss J. LANGSDON (From 22-5-47).
 Miss M. MANTELL (Up to 14-6-47).
 Miss P. FEENY (From 16-6-47).
 Mr. W. BUDD (Up to 2-8-47).
 Miss B. JONES (From 5-8-47).

INFECTIOUS DISEASES HOSPITAL

Medical Superintendent: THE MEDICAL OFFICER OF HEALTH.

Matron: Miss A. Z. GAMWELL, S.R.N., R.F.N.

ORTHOPAEDIC CLINIC.

Consulting Orthopaedic Specialist:

Miss M. FORRESTER-BROWN, M.D., M.S.

Sister-in-Charge: Miss J. M. MORRIS, C.S.M.M.G.

**Obstetric Consultants under Puerperal Fever Regulations,
Ante-Natal Scheme, etc.:**

Dr. R. M. DEVEREUX, M.B., B.Ch., B.A.O.

HEALTH CENTRE,
WESTHAM ROAD,
WEYMOUTH.

February, 1949

**To His Worship the Mayor, Aldermen and Councillors of the
Borough of Weymouth and Melcombe Regis.**

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit for your information and consideration, my Report for the year 1947, on the Health and Sanitary Circumstances of the Borough.

In the introduction to my 1946 Report, I referred to the changes in administration to be brought about by the National Health Service Act. The delay in presenting this Report is very largely due to the amount of time and consideration which had to be given during the past year to effecting a smooth change-over.

During 1947 the Country as a whole experienced a widespread outbreak of Infantile Paralysis and although the Borough was fortunate in that few cases occurred locally, the Infectious Diseases Hospital was kept very busy during the Summer and Autumn months dealing with patients from Service establishments and the surrounding areas.

In October, there was a sharp outbreak of food poisoning which was in all probability due to contaminated milk.

There have been many expressions of appreciation of the care and comfort provided in the Kildare Maternity Home which was opened in March, and where 242 mothers had their confinements during 1947.

Early in the year Alderman Mrs. A. Comben intimated her desire to resign from the Town Council. Mrs. Comben had been Vice-Chairman of the Health and Maternity and Child Welfare Committees since 1931, and had spared no effort to secure the best possible services for the mothers and children in the Borough. During the 16 years she had been associated with the work of the Health Department, Mrs. Comben had been in great measure responsible for many of the improvements made in that period, and her resignation was received with sincere regret.

Towards the end of the year, Mr. F. A. Fanner, Chief Sanitary Inspector, resigned his appointment on reaching retiring age, but agreed to continue in office until his successor was appointed. Mr. Fanner had been Chief Sanitary Inspector for over 38 years and the Borough has been fortunate to have had the services of so loyal and capable a servant for so long.

Once again it is a pleasure to thank the members of the Council for their kindness and consideration and my fellow officials and the Health Department staff for their unfailing co-operation in the work of the Department.

I have the honour to be,

Your obedient servant,

E. J. GORDON WALLACE,

Medical Officer of Health

SECTION A.—STATISTICS.

Area (in acres) excluding 331 acres of tidal water	7,007
Resident Population, middle 1947 (estimated by Registrar General)	34,870
Estimated Number of Inhabited Houses (end of 1947)	10,600
Rateable Value (1st April, 1947)	£320,502
Sum represented by a Penny Rate (1st April, 1947)	£1,250

CHIEF INDUSTRIES & EXTENT OF UNEMPLOYMENT.

I am indebted to Mr. N. A. Pick, Manager of the Weymouth Employment Exchange for the following information:—

Registered Unemployed Persons

	1947	1948
March	497	369
June	180	250
September	149	261
December	377	590

The eight main occupations in this area, according to our employment figures, are :—

1. Distributive Trades.
2. Hotel and Catering.
3. Building and Civil Engineering.
4. General Engineering.
5. Local Government Services.
6. Agriculture.
7. Omnibus Services.
8. Shipbuilding and Ship Repairing.

In March, 1947, a start was made with the layout of the new factory sites for light industries in Lynch Lane, just outside the Borough boundary.

EXTRACTS FROM REGISTRAR GENERAL'S VITAL STATISTICS FOR 1947.

Total Births—727.

Birth Rate per 1,000 of the estimated resident population—20.77

Live Births—709.

		Males	Females	Total
Legitimate	...	337	319	656
Illegitimate	...	24	29	53

Stillbirths—18.

		Males	Females	Total
Legitimate	...	15	1	16
Illegitimate	...	1	1	2

Stillbirth Rate per 1,000 total (live and still) births—24.76.

Deaths—428. Males—211. Females—217.

Death Rate per 1,000 of estimated resident population—12.23.

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar General's Short List).

	Deaths	Rate per 1,000 total (live and still) births
No. 29. Puerperal and post abortion sepsis	Nil.	Nil.
No. 30. Other maternal causes	Nil.	Nil.

Deaths of Infants under 1 Year of Age.

		Male	Female	Total
Legitimate	...	12	8	20
Illegitimate	...	—	2	2

Infantile Mortality Rates.

1.	All infants per 1,000 live births	...	31.3
2.	Legitimate infants per 1,000 legitimate live births	...	30.49
3.	Illegitimate infants per 1,000 illegitimate live births	...	37.73

TOTAL DEATHS, 1947. (Registrar-General's Official Returns).

All causes—428 ; Male, 211 ; Female, 217.

Causes of Death.	Males	Females
1. Typhoid and Paratyphoid Fevers	...	...
2. Cerebro-spinal Fever ...	...	...
3. Scarlet Fever ...	...	...
4. Whooping Cough ...	...	1
5. Diphtheria ...	...	...
6. Tuberculosis of Respiratory System	10	5
7. Other forms of Tuberculosis ...	1	3
8. Syphilitic Diseases ...	2	1
9. Influenza ...	...	1
10. Measles ...	1	...
11. Acute Poliomyelitis and Polio- encephalitis ...	...	...
12. Acute Inf. Encephalitis ...	...	...
13. Cancer of Buc. Cav. and Oesoph (M.); Uterus (F.) ...	1	2
14. Cancer of Stomach and duodenum	4	3
15. Cancer of Breast ...	...	8
16. Cancer of all other sites ...	22	14
17. Diabetes ...	...	5
18. Intra-cranial Vascular Lesions ...	25	25
19. Heart Disease ...	66	70
20. Other Diseases of Circ. System ...	5	9
21. Bronchitis ...	13	9
22. Pneumonia ...	7	8
23. Other Respiratory Diseases ...	2	5
24. Ulcer of Stomach or Duodenum ...	5	...
25. Diarrhoea, under two years ...	...	...
26. Appendicitis ...	...	2
27. Other Digestive Diseases ...	6	9
28. Nephritis ...	4	6
29. Puerperal and Post-abort. Sepsis ...	...	...
30. Other Maternal Causes ...	...	...
31. Premature Birth ...	2	3
32. Congenital Mal: Birth Injuries: Infantile Diseases ...	7	3
33. Suicide ...	1	1
34. Road Traffic Accidents ...	2	1
35. Other Violent Causes ...	3	4
36. All Other Causes ...	22	19
TOTALS ...	211	217

S.D.55.

Birth-rates, Civilian Death-rates, Analysis of Mortality, Maternal Mortality, and Case-rates for certain infectious diseases in the year 1947. Provisional Figures based on Weekly and Quarterly Returns.

	England and Wales	126 C.B.'s. and Great Towns including London	148 Smaller Towns Resident Pop. 25,000-50,000 at 1931 Census	London Admin. County
-Rates per 1,000 Civilian Population :—				
Births :				
Live Births ...	20.5†	23.3	22.2	22.7
Still Births ...	0.50†	0.62	0.54	0.49
Deaths :—				
All Causes ...	12.0†	13.0	11.9	12.8
Typhoid and Paratyphoid ...	0.00	0.00	0.00	0.00
Scarlet Fever ...	0.00	0.00	0.00	0.00
Whooping Cough ...	0.02	0.03	0.02	0.02
Diphtheria ...	0.01	0.01	0.01	0.01
Influenza ...	0.09	0.09	0.08	0.08
Smallpox ...	0.00	0.00	0.00	—
Measles ...	0.01	0.02	0.02	0.01
Notifications :—				
Typhoid Fever ...	0.01	0.01	0.00	0.01
Paratyphoid Fever ...	0.01	0.01	0.01	0.01
Cerebro-Spinal Fever ...	0.05	0.06	0.05	0.05
Scarlet Fever ...	1.37	1.54	1.37	1.31
Whooping Cough ...	2.22	2.41	2.02	2.80
Diphtheria ...	0.13	0.15	0.14	0.14
Erysipelas ...	0.19	0.21	0.18	0.22
Smallpox ...	0.00	0.00	0.01	0.00
Measles ...	9.41	9.13	9.58	5.29
Pneumonia ...	0.79	0.89	0.68	0.64
- A dash (-) signifies that there were no deaths				
† Rates per 1,000 total population				
Rates per 1,000 Live Births :—				
Deaths :—				
All causes under 1 year of age ...	41†	47	36	37
Enteritis and Diarrhoea under 2 years of age ...	5.8	8.0	3.7	4.8
Rates per 1,000 Total (Live and Still) Births :—				
Notifications :—				
Puerperal fever ...	{ 7.16	8.99	6.27	{ 1.21
Puerperal pyrexia				6.94*
† Per 1,000 related births				
* Including Puerperal fever				

Maternal Mortality in England and Wales

	Rates per 1,000 Total (Live and Still) Births	Rates per million women aged 15-44
140 Abortion with sepsis	0.10	9
141 Abortion without sepsis	0.06	5
147 Puerperal infections	0.16	—
142—146 { Other maternal causes	0.85	—
148—150 {		

General Register Office,
Somerset House,
Strand, London, W.C.2.

COMMENTS ON THE VITAL STATISTICS.

Births.

The birth-rate (number of births per 1,000 resident population) of 20.77 showed hardly any change from that of the previous year (20.67).

The total number of live births exceeded the number of deaths by 281.

Deaths.

The total number of deaths was 428 and the death-rate 12.23 per thousand resident population (12.76 in 1946). No deaths were caused by diphtheria, cerebro-spinal-fever, or Scarlet fever, but there was one death from measles and one from whooping cough.

There were no maternal deaths during the year.

The infant mortality rate of 31.3 per thousand live births was higher than in the previous year (24.96) but was still below the rate for the country as a whole (41).

SECTION B. GENERAL PROVISION OF HEALTH SERVICES.

(1) Ambulance Facilities.

The Town Ambulance Service functioned efficiently until June, 1947, when No. 1 Ambulance was severely damaged in a road accident. The Service was maintained with the No. 2 Ambulance and a relief ambulance was made available when required through the willing co-operation of the Army Authorities.

The staff of three full time drivers was supplemented during the day time from the Health Department staff, while at night volunteer attendants were provided by the Weymouth St. John Ambulance Division for whose services the townspeople have every reason to be most appreciative.

Ambulance Statistics.

Removal to Institutions	762
Accidents	74
Infectious Cases	96
Miscellaneous	435
Total number of calls	1367

Mileage. No. 1—5651 miles.

No. 2 3277 kilometres.

(2) Laboratory Facilities.

All laboratory examinations were carried out at the County Laboratory, Dorchester, and it is a pleasure to record once more my grateful thanks to Dr. T. V. Cooper, County Pathologist, and his staff, for their unfailing assistance and advice.

(3) Infectious Diseases.

During the year there occurred the most severe attack of Poliomyelitis which this country has ever experienced and although the Borough itself escaped lightly, 13 patients were admitted for treatment mostly from Service establishments and the surrounding areas to the Weymouth Infectious Diseases Hospital, while a further 15 patients were admitted for observation.

It was necessary for four patients to be nursed in "iron lungs" for varying periods. One patient was moribund on admission and died shortly afterwards but the others all recovered sufficiently to be discharged to their homes or to Orthopaedic Hospitals for further treatment.

The nursing staff worked willingly under a very severe strain but it would not have been possible to carry on had not additional staff been made available through the ready co-operation of Surg. Capt. North, R.N., R.N. Hospital, Portland, and the Matrons of the Weymouth and District Hospital and the Dorchester Isolation Hospital.

Voluntary help was also provided by Ambulance Sisters of the Weymouth St. John Nursing Division, and it was also necessary to transfer temporarily the Health Visitors from their normal duties to work at the hospital.

The nursing of these helpless patients was an arduous task and the results achieved reflect great credit on all who took part.

Measles. A total of 471 cases of measles was notified during the year compared with 134 in 1946, and 445 in 1945.

Whooping Cough. There were relatively fewer cases of whooping cough, 49 cases being notified during the year, compared with 152 in 1946, and 113 in 1945.

Notifiable Diseases other than Tuberculosis during 1947.

DISEASE	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	Total	Under 1	1—	3—	AGE INCIDENCE					25—	45— and over	85 Un. known
									5—	10—	15—	20—				
Scarlet Fever	2	1	1	3	7	...	...	...	3	3	...	1	...	...	...
Whooping Cough	25	8	9	7	49	6	18	12	12	1	...	...	...	...	...
Ac. Poliomyelitis	...	1	1	4	6	...	1	...	...	1	1	3	...	...	...
Ac. Polioencephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	167	270	32	2	471	20	88	108	219	19	5	12	...	...	...
Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ac. Pneumonia	7	8	1	5	21	1	...	...	4	...	6	...	5	5	...
Dysentery	...	...	...	4	4	2	...	...	1	...	1	...	...	...	...
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ac. Enceph. Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric or Typhoid Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paratyphoid Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	1	1	3	2	7	...	...	...	...	...	1	...	6	...	...
Cerebro-spinal Fever	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...
Puerperal Pyrexia	2	2	...	2	6	...	...	...	...	...	2	2	...	...	2
Ophthalmia Neonatorum	2	3	...	...	5	5	...	...	...	...	...	...	...	...	...
Gastro-Enteritis	...	...	1	...	1	...	...	...	...	...	...	1	...	...	...
Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Food Poisoning	...	...	2	163	165	...	...	...	...	...	...	...	...	...	165
TOTALS	206	294	50	193	743	34	107	120	239	24	16	10	12	5	167	

Food Poisoning.

Early in October there was an outbreak of food poisoning and a total of 163 persons were officially notified to have been affected. The great majority of cases occurred in a district of the Borough zoned for milk supply by one retailer and the signs and symptoms were there associated with the ingestion of a staphylococcal enterotoxin. There were no deaths.

A most careful investigation revealed several possible sources of contamination of milk and the workers concerned were suspended from duty. Although the circumstances were very suggestive, conclusive evidence was not available in the form of specimens for bacteriological examination from the patients involved.

Diphtheria Immunisation.

It is recognised that diphtheria immunisation is one of the most important duties to be carried out by any health authority and this fact has been fully appreciated in Weymouth for some years.

The fact that yet another year has gone by without a single case of diphtheria is surely evidence of the value of immunisation.

It is known that the degree of immunity remains high for 3 or 4 years after the initial inoculation and it is important that all children should continue to have the greatest possible measure of protection.

One re-inforcing or " booster " injection is, therefore advised about four years after the primary immunisation and every four years thereafter. It is found convenient to give these re-inforcing injections at the periodic medical inspection of school children. During 1947, 766 children had their immunity maintained in this way while 695 children were immunised for the first time.

INFESTATION.

Scabies.

There has again been a gratifying decrease in the number of cases of Scabies notified during the year—80 compared with 198 in 1946. That this decrease has been progressive during the last five years is evident from the statistics given in the accompanying Table and provides proof of the value of notification of this complaint (instituted in 1943) and of the wisdom of maintaining a Cleansing Station equipped and staffed to deal with any patients who require treatment.

NUMBER OF CHILDREN IMMUNISED AGAINST DIPHTHERIA, 1937-1947.

Year in which Immunised	YEAR OF BIRTH																		TOTAL
	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931		
1937												12	12	15	14	16	11	80	
1938											14	4	14	16	19	11	13	91	
1939										29	33	35	29	27	37	31	16	237	
1940									12	17	14	16	9	12	13	15	10	118	
1941								119	152	101	132	98	256	279	288	297	214	1936	
1942							295	50	46	56	59	64	90	72	69	80	65	946	
1943					586		117	60	56	61	67	91	50	64	49	48	47	1296	
1944				25	518	62	27	11	13	15	16	15	6	4	12	9	6	739	
1945			39	562	78	17	17	9	12	7	13	8	2	1	0	0	5	770	
1946		38	437	69	29	19	13	14	6	6	6	4	4	2	8	6	0	661	
1947	41	499	78	14	11	11	11	5	7	1	4	4	—	5	4	—	—	695	

Head Infestation.

The fall in incidence of head infestation which has been noted during the past three years, was continued and is further evidence of the value of the careful attention which has been devoted to this problem. The tact and consideration shown by the specially trained staff has invariably secured the co-operation of family "contacts" in reporting for examination and treatment when required.

SCABIES.

Year	Total No. notified	No. Notified by Practitioner	No. Notified by Public Health Dept.	Total Number of Treatments
1943	618	218	400	2187
1944	598	124	474	1882
1945	275	72	203	1078
1946	198	63	135	992
1947	80	32	48	599

HEAD INFESTATION

Year	Number of Infested Persons	Adult	School	Under 5	Total No. of Treatments
1944	594	148	411	35	894
1945	305	87	283	35	405
1946	310	117	203	40	461
1947	164	40	96	28	304

(4.) Mortuary.

The Town Mortuary in Commercial Road is used both as a Mortuary and as a Post-Mortem Room. During the year, a certain number of post-mortem examinations, ordered by the Coroner, were carried out in the post-mortem room at the Weymouth and District Hospital.

(5) Hospital Accommodation.

Apart from the opening of the Kildare Maternity Home (dealt with later in this Report), there was no change in the amount or type of hospital accommodation in the Borough.

Details of cases admitted to the Isolation Hospital are given in the table on page 16.

ISOLATION HOSPITAL ADMISSIONS AND DEATHS, 1947.

	Chicken Pox.	Mumps.	Rubella.	Measles.	Erysipelas.	Tuberculosis	Influenzal Pneumonia	Whooping Cough.	Puerperal Pyrexia.	Pneumonia.	Scarlet Fever.	Cerebro-spinal Fever	Enteritis	Impetigo.	Polio-myelitis	Vaccinia	Miscellaneous	TOTALS
Weymouth	9	4	...	1	3	1	3	7	...	3	1	3	1	30	66
Portland	7	...	...	...	1	...	2	...	1	3	...	1	...	14	29
Dorset C.C.	13	...	20	...	...	...	...	...	...	...	...	1	...	2	36
Dorchester
Borough	1	...	...	...	...	...	...	1
Dorchester
R.D.C.	1	...	...	...	1	...	...	...	...	...	...	1	1	...	...	...	2	6
Lyme Regis	1	...	...	1
Bridport	1	...	...	...	...	...	...	...	...	...	...	...	...	1
Borstal	1	1
Navy	3	4	31	2	2	...	...	...	...	...	2	1	...	...	5	...	2	52
Army	...	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...	3	6
Visitors	2	...	...	...	1	...	...	1	...	...	...	...	...	2	6
TOTALS	4	5	31	34	8	20	1	5	1	5	11	4	7	1	11	1	56	205
DEATHS	10	...	1	...	...	...	...	1	...	1	...	...	13

MATERNITY AND CHILD WELFARE SERVICES.

Domiciliary Midwifery Service.

The five district midwives gave efficient service during the year and attended the following cases :—

No. of confinements attended as Midwife	...	132
No. of confinements attended as Maternity Nurse		99
No. of Medical Aid Forms received :—		
For Services to Mother	...	37
For Services to Child	...	11

Arrangements were made during the year for each domiciliary midwife to be provided with a car for her professional use.

General Practitioners' Ante Natal Service.

The Service was continued throughout the year whereby an expectant mother, having booked a domiciliary midwife, could be examined free of charge by the doctor of her choice at least three times during her pregnancy. 116 expectant mothers took advantage of this scheme, 68 being examined once, 40 twice, and 8 three times.

Maternity Accommodation—Kildare Maternity Home.

Kildare—No. 47 Dorchester Road, originally a large private residence—was used during the War as a W.R.N.S. Sick-Bay, and was purchased in 1946 by the Town Council for conversion into a Maternity Unit.

The Home, which was opened on March 5th, 1947, by the Mayoress—Mrs. C. H. J. Kaile provides accommodation for 12 patients in 3 wards but in an emergency the number of beds can be increased to 14. There is a self-contained admission unit, a well equipped labour ward with sterilizing room adjacent, and two nurseries, in one of which there is a specially equipped cot for premature babies. Cooking for the patients and the resident staff is done on the premises.

Payment of staff salaries, maintenance and equipment is the responsibility of the Town Council, while day to day administration and staffing is done by the Weymouth and District Hospital. Under a Joint Committee of Management of these two Authorities the work of the Home proceeded smoothly and harmoniously and the many sincere tributes paid by the patients to the comfort and care they received were well deserved by the medical and nursing Staff. During the year 242 mothers had their confinements in this Home.

It was known that Kildare, itself, would not provide sufficient in-patient maternity accommodation for the district, and arrangements were therefore made for a 4-bed ward to be kept in the Weymouth and District Hospital for patients requiring ante-natal in-patient treatment or for lying-in accommodation after Caesarean operations.

Ante-Natal Supervision.

Expectant mothers wishing to have their confinements in the Kildare Maternity Home booked their accommodation and were medically supervised during the early stages of their pregnancy at the Ante Natal Clinic held each Monday afternoon at the Health Centre. From about the seventh month onwards their ante natal supervision was undertaken at a Clinic held on Thursday afternoons at the Maternity Home itself, conducted by Dr. R. M. Devereux, the Obstetrician-in-Charge.

During 1947, 430 expectant mothers attended the Health Centre Ante Natal Clinic making 1322 attendances.

Post-Natal Examination.

A post natal clinic was held concurrently with the ante natal clinic at the Health Centre and 17 mothers attended during the year.

Child Welfare.

Infant Welfare Clinics were held as follows:—

Tuesdays, 2-4 p.m. Health Centre, Westham Road.

Wednesday, 11-30 a.m.—12-30 p.m. Reading Room
Preston.

Wednesday, 2—4 p.m. Reynold's Institute, Broadwey.

Wednesday, 2—4 p.m. W.I. Hall, Wyke Regis.

Thursday, 2—4 p.m. Health Centre, Westham Road.

The weekly sessions in the outlying areas of the Borough, Preston, Broadwey and Wyke Regis, continued to be well attended and were obviously popular in meeting the needs of the mothers in those districts.

During the year the Town Council approved a recommendation that a fourth Health Visitor should be appointed, but it has not yet been possible to fill this vacancy.

CHILD WELFARE STATISTICS.

- (1) Live Births, 845. Still Births, 21. Total Births, 866.
No. notified by midwives, 485. By doctors, 381.
- (2) No. of visits paid during the year by Health Visitors :
To expectant mothers. First Visits 26. Total Visits 33.
To children under 1 year. First Visits, 698, Total Visits, 2161. To children between 1 and 5 years, 3190.

Year	Total Number of Births.	Birth Rate.	Maternal Deaths	Maternal Death Rate.	Infant Mortality Rate	Illegitimate Births	Institutional Confinements in Borough Maternity Beds
1926	298	13.5	2	6.7	73.0	15	16
1927	302	14.0	0	0	53.0	18	21
1928	284	13.2	3	10.6	38.7	18	13
1929	289	13.9	0	0	51.0	14	20
1930	302	12.5	0	0	53.0	20	20
1931	295	13.2	2	6.8	56.3	18	31
1932	265	11.6	2	7.5	69.7	9	41
1933	353	12.0	1	2.8	41.6	15	70
1934*	426	14.0	1	2.3	32.8	24	67
1935	460	14.8	5	10.9	28.3	20	66
1936	470	14.8	3	6.4	47.0	25	63
1937	465	13.8	4	8.6	62.4	22	49
1938	505	14.6	2	3.97	43.0	15	51
1939	508	14.7	2	3.8	39.3	21	56
1940	534	16.3	4	10.7	52.0	34	61
1941	504	14.4	3	5.6	38.4	43	67
1942	508	14.5	0	0	59.1	37	100
1943	544	18.4	0	0	32.0	47	119
1944	671	23.1	3	4.3	32.8	75	120
1945	632	20.4	1	1.54	44.3	86	141
1946	681	20.67	5	7.11	24.96	49	191
1947	709	20.77	0	0	31.3	53	222

* In 1934, the Borough was extended.

(3) Infant Welfare Centres.

- (a) Total number of children under 5 years of age who attended at the Centres during the year, and who on the date of their first attendance were :—

Under 1—Weymouth 337, Wyke Regis 78, Broadway 52, Preston 37 ; Total—504.

Over 1—Weymouth 98, Wyke Regis 24, Broadway 29, Preston 8 ; Total—159.

- (b) Total number of children under 5 years of age who attended at the Centres during the year :—

Under 1—446. Over 1—1050.

CHILD LIFE PROTECTION.

No. of persons receiving children for reward at end of year—8.

No. of foster children on Register at end of year—10.

CHILD LIFE PROTECTION VISITORS.

Medical Officer of Health.

Deputy Medical Officer of Health.

Health Visitors (3).

ADOPTION OF CHILDREN (Section 7 of the Adoption of Children (Regulation) Act, 1939).

- | | | |
|--------------------------------------------------------------------------------------|--------|----|
| (a) Number of persons who gave notice under Section 7 during the year | ... .. | 11 |
| (b) Total number of children in respect of whom notice was given under Section 7 (3) | ... .. | 30 |
| (c) Number of children notified under Section 7 (3):— | | |
| (i.)—Under supervision at end of year | ... .. | 16 |
| (ii.)—Who died during the year | ... .. | — |
| (iii.)—On whom inquests were held during the year | ... .. | — |
| (iv.)—Proceedings taken during the year | ... .. | — |

CARE OF THE UNMARRIED MOTHER AND HER CHILD.

The Town Council as Welfare Authority renewed its annual grant of £100 to the St. Gabriel's Home, and received every help from the Diocesan Moral Welfare Workers attached to this Home.

CARE OF PREMATURE INFANTS.

Number of premature babies notified during 1947 who were born:—

(i)—At home	...	...	11
(ii)—In Hospital or Nursing Home	...	...	42

The number of those born at home:—

(i.)—Who were entirely nursed at home	...	10
(ii.)—Who died during the first 24 hours	...	1
(iii.)—Who survived at the end of one month	...	9

The number of those born in Hospital or Nursing Home:—

(i.)—Who died during the first 24 hours	...	2
(ii.)—Who survived at the end of one month	...	36

Frequent calls were received for the use of the special incubator cots kept at the Health Centre for loan as and when required.

REGISTRATION OF NURSING HOMES.

(Public Health Act, 1936 - Sections 187 to 194).

Homes first registered during the year	...	1
Homes on the register at the end of the year	...	2
No. of beds provided for—		
(a) Maternity	...	10
(b) Others	...	11

Action during 1947.

Applications for registration refused	...	0
Exemptions granted under Section 192 (1)	...	2
Exemptions withdrawn under Section 192 (2)	...	0
Registrations cancelled under Section 188	...	0
Appeals by aggrieved persons under Section 189 (3)	...	0
Cases in which fines were imposed	...	0
Number of inspections	...	3
Number of Registered Homes not inspected	...	0

HOME HELPS.

During the year it was not found possible to establish a Home Help Service in the Borough.

DENTAL SERVICES.

Expectant and nursing mothers, and children under 5 can be seen and treated by the School Dental Officer.

During the year, 98 expectant and nursing mothers made 251 attendances, and 36 children under 5 made 48 attendances for treatment.

ORTHOPAEDIC CLINIC.

Miss M. Forrester-Brown, M.S., F.R.C.S., Senior Surgeon to the Bath and Wessex Children's Orthopaedic Hospital, held 4 clinics at the Health Centre during the year while the Orthopaedic Sister Miss M. Morris, C.S.M.M.G., held fortnightly sessions for treatment and after care.

Seventeen children under 5 were seen by the Orthopaedic Surgeon making 29 attendances. 67 children under 5 were seen by the Orthopaedic Sister, making 243 attendances. Two cases were admitted to the Bath and Wessex Children's Orthopaedic Hospital.

CHIROPODY CLINIC.

These fortnightly clinics continued to give a much appreciated service and in October, 1947, in view of the increased demand for these services, the Town Council authorised weekly sessions. During the year 308 attendances were made.

SANITARY CIRCUMSTANCES.

At the end of this Report the work carried out by the Sanitary Inspectors is shown in statistical form.

Impressive as these figures are, they cannot adequately reflect the vast amount of work done by the Inspectors who have continued to carry out their duties in a most capable and conscientious manner.

Public Water Supply.

1. The water supply of the area has been satisfactory both in quality and quantity. There were no outbreaks of illness which could be traced to the water supply.

2. Bacteriological examinations were made both of the raw water and after chlorination. On a number of occasions, reports indicated that the samples were not up to the usual high standard and these have been classified as 'suspicious' or 'unsatisfactory' in the appended Table.

Following such reports consultations took place with the Waterworks Company whose Engineer and Manager, Mr. S. E. Barrett, A.M.Inst.C.E., invariably co-operated in any suggestions which were made as to increasing the dose of chlorine.

3. The supply from the springs at Empool and Sutton Poyntz is fairly hard so that there is no danger from plumbo-solvent action.

4. All houses in the Borough are supplied from the public water mains with the exception of 27 which are supplied by stand-pipes, 4 cottages at West End, Radipole, and 23 in the Preston and Sutton Poyntz area.

Summary of Samples submitted for Bacteriological Examination

Total	Satisfactory	Suspicious	Unsatisfactory
103	81	10	12

CERTIFICATE OF ANALYSIS

THE LABORATORY,
4 QUEEN SQUARE,
BRISTOL, I.

16th January, 1948.

Of a Sample of Water taken 12-1-48. Lab.Ref. Nos. 3644/3645

Sent by The Weymouth Waterworks Company, Weymouth.

		Sutton Poyntz Spring.	Fountain, Empool Pumping Station.
		Unchlorinated	Unchlorinated
Appearance	...	Clear, colour- less. No sediment	Clear, colour- less. No sediment
Reaction	...	Ph. 7.4	7.2

	Sutton Poyntz Spring.	Fountain, Empool Pumping Station.
	Parts per 100,000	Parts per 100,000
Free and Saline Ammonia	.001	Less than .001
Albuminoid Ammonia	.002	.003
Chlorine (as Chlorides) equivalent to Sodium Chloride ...	2.4 4.0	2.4 4.0
Oxygen absorbed (4 hrs.)	0.009	0.014
Nitrite ...	absent	absent
Nitrate ...	0.36	0.36
Total solids ...	29.1	34.6
Appearance on ignition	very faint darkening	no charring
Loss on ignition ...	4.1	3.0
Hardness: Temporary	16.4	22.2
Permanent	4.8	3.2
Total ...	<hr/> 21.2 <hr/>	<hr/> 25.4 <hr/>
Lead and Copper ...	absent	absent

These figures are very satisfactory, and indicate that no significant change has taken place in the water since March, 1946, and that the high standard of purity is well maintained.

(signed) WATERFALL & O'BRIEN

MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1936-46.

79 samples were examined from the two firms licenced to pasteurise milk. Seventy-six passed the prescribed tests while 3 failed to do so.

During the year, work was begun on the erection at Lynch Lane (just outside the Borough Boundary) of a new Dairy with Pasteurising Plant for Messrs. Lovell's Creameries.

In September, 1947, a new High Temperature Short Time Plant (A P V) was put into operation at the Dairy of the Weymouth and District Co-operative Society, in Franklin Road.

FOOD AND DRUGS ACT, 1938 (Section 22).

The unsatisfactory condition of a certain dairy in the Borough was reported to the Health Committee as a result of which, after appropriate notices had been served and representations heard, the Town Council authorised the cancellation of the registration as a retail purveyor of milk of the person concerned.

No appeal was made against this decision.

ICE-CREAM.

The Ice-Cream (Heat Treatment, etc.) Regulations, 1947.

These Regulations—a copy of which was sent to each manufacturer of ice-cream in the Borough—came into force on the 1st May, 1947.

The results of samples examined were as follows :—

Total samples examined	...	51
Grade 1	... ..	5
Grade 2	... ..	6
Grade 3	... ..	14
Grade 4	... ..	26

These results cannot be regarded as satisfactory, but following visits by the Sanitary Inspectors and advice given, it is anticipated that there will be a considerable improvement within a relatively short time.

WEYMOUTH AND MELCOMBE REGIS CORPORATION ACT, 1935. Section 101.

As a result of a number of visits to certain premises used for the manufacture and sale of ice-cream, a report was submitted to the Health Committee that the public health was likely to be endangered if the person concerned continued to be registered as a manufacturer and vendor of ice-cream. The appropriate notices were served and the Committee heard representations on this matter. It was decided, however, that the person be removed from the Register of Manufacturers and Vendors of Ice-Cream. No appeal was made.

MOSQUITO NUISANCE.

A full report on this subject was made to the Health Committee, and subsequently to the Town Council. It was pointed out that "oiling" of stagnant water containing larvae was a very poor substitute for proper drainage and to be in the least effective would require very large numbers of men.

As has been indicated on previous occasions, the eradication of this nuisance must be regarded as a major engineering problem and it was recommended that it should be dealt with as such.

RODENT CONTROL.

Following the Rodent Officer's resignation, organised rodent control was abandoned in March, 1947. One operative continued to be employed in dealing with complaints as they were received but his time was also taken up with general duties as a sanitary labourer.

At the end of the year, the Health Committee again considered the advisability of resuming rodent control on a systematic basis.

FACTORIES ACT, 1937.

During the year visits were made to various premises as indicated below. A small number of defects were found which were remedied by informal action. It was not necessary for written notices to be served and there were no prosecutions.

	No. on Register	No. of Inspections
(1) Factories to which Sections 1, 2, 3, 4 and 6 of the Act refer. ...	10	24
(2) Factories not included in (1) to which Section 7 of the Act refers	98	171

Defects found and remedied.

	Found	Remedied
Inadequate ventilation	2	2*
Sanitary Conveniences (a) insufficient ...	3	3
(b) unsuitable or defective	2	2
	—	—
	7	7
	—	—

* Remedied after reference to H.M. Inspector of Factories.

INSPECTION WORK OTHER THAN DRAINAGE.

Inspection of dwellinghouses under Housing Act	...	47
Inspection of dwellinghouses under Public Health Act	...	29
Visits to Corporation houses	...	28
Visits to other houses (new tenants for Council Houses)	...	181
Visits to "Squatters"	...	17
Visits in connection with infectious diseases	...	50
Inspection of Caravans	...	5
Inspection of Camping Sites	...	39
Inspection of Public Conveniences	...	312
Inspection of Condemned (vacant) Houses	...	23
Inspection of Cesspools and sewage purification plant	...	15
Visits to Corporation Refuse Tip	...	10
Inspection of Piggeries	...	2
Smoke Observations	...	16
Inspections under Shops Act, 1934	...	19
Inspections of Outworkers premises	...	5
Inspection of Streams and Ditches	...	5
Inspection of Offensive Trade premises	...	6
Inspection of Schools	...	9
Inspection of Places of Entertainment	...	7
Visits to Railway Station	...	17
Visits in connection with Milk sampling	...	35
Visits in connection with Water sampling	...	72
Visits to Slaughterhouses	...	90
Inspection of Restaurants	...	42
Inspection of Ice Cream Premises	...	201
Inspection of General Food Shops	...	107
Inspection of Bakeries	...	31
Inspection of Food Preparation Premises	...	105
Inspection of Fish Shops	...	11
Inspection of Fried Fish Shops	...	13
Inspection of Dairy Farms	...	65
Inspection of Dairies	...	30
Inspection of Butcher Shops	...	35
Inspection of Cold store	...	1
Miscellaneous Visits	...	462

COMPLAINTS INVESTIGATED

Choked Sewers and Drains	...	81
Defective Drains	...	13
Offensive Smells	...	40
Dampness	...	72
Overflowing Cesspools	...	21
Offensive Public Convenience	...	1
Black Smoke	...	6
Overcrowding	...	16
Insanitary Poultry	...	6
Sour Milk	...	3
Dirty Milk Bottles	...	5
Defective food containers	...	1
Caravans	...	2
Air Raid Shelter	...	3
Burst Water Pipes	...	3
House without a water supply	...	1
Dead Animals	...	2
Flooding	...	9

Nuisance from wild birds	...	...	...	3
Offensive deposits	...	...	...	19
Fumes	...	...	...	4
Dirty Premises	...	...	...	2
Offensive ditch	...	...	...	1
Defective W.C's	...	...	...	10
Defective Waste pipe	...	...	...	1
Defective Sinks	...	...	...	1
General House Defects and disrepair	...	...	...	51
Beetles	...	...	...	3
Flies	...	...	...	7
Mosquitoes	...	...	...	1
Ants	...	...	...	4
Toads	...	...	...	1
Bugs and Fleas	...	...	...	19
Unfounded	...	...	...	19
General re-visits	...	...	...	271

As a result of inspections, the following administrative action was taken :—

(1) Statutory Notices served	...	...	...	5
(2) Informal Notices served	...	...	...	174
(3) Prosecutions	...	...	...	1

Number of Notices outstanding, 31st December, 1946.

(1) Statutory Notices	...	...	...	1
(2) Informal Notices	...	...	...	77

FOOD CONDEMNED IN SHOPS AND STORES.

Canned Meat	...	...	...	797 tins
Canned Fish	...	...	...	279 tins
Canned Fruit	...	...	...	64 tins
Other Canned Foods	...	...	...	722 tins

MEAT.

Beef	...	...	...	4401½ lbs.
Mutton	...	...	...	112 lbs.
Veal	...	...	...	77½ lbs.
Bacon	...	...	...	121 lbs.
Whalemeat	...	...	...	18½ lbs.

FISH.

Herrings	...	...	...	9 stones
Kippers	...	...	434 lbs. and 3 boxes	
Skate	...	...	...	20 stones
Plaice	...	...	...	22 cuts
Turbot	...	...	...	1 box
Whiting	...	...	...	4 stones
Haddock	...	...	124 lbs. and 4 boxes	
Cod	...	...	280 lbs. and 1 box	
Prawns	...	...	...	5 bags
Mixed Fish	...	...	437 lbs. and 10 boxes	

SWEETMEATS.

Sweets	...	...	43 lbs. 2 ozs. and 12 packets	
Jelly	...	...	...	13 packets
Chocolate	...	...	3 lbs. and 51 bars	
Turkish Delight	...	...	...	¾ lb.
Candy	...	...	...	11 packets

OTHER FOODS.

Butter	...	...	...	...	4 $\frac{3}{4}$ lbs.
Cheese	.	...	...	...	10 lbs.
Eggs	...	...	...	...	93
Potatoes	...	...	...	...	120 lbs.
Tomatoes	...	...	...	...	2 lbs.
Flour	...	...	...	...	33 lbs.
Crumpets	...	...	...	...	64
Macaroni	...	...	...	...	28 lbs.
Black Pudding	...	...	...	84 lbs. and	48
Peaches	...	...	...	17 boxes	
Lemon Curd	...	...	...	6 lbs.	
Currants	...	...	...	2 lbs.	
Prunes	...	...	...	62 $\frac{1}{2}$ lbs.	
Sausages	...	...	...	42 lbs.	
Beef Dripping	...	...	...	2 lbs. 2 ozs.	
Cake decoration	...	...	...	44 $\frac{3}{4}$ lbs.	
Oatmeal	...	...	...	188 $\frac{1}{2}$ lbs.	
Cereals	...	...	...	75 packets	
Fish Cakes	...	...	...	355	
Dried Egg	...	...	...	1 packet	
Dried Peaches	...	...	...	63 lbs.	
Butter Beans	...	...	...	18 lbs.	
Jams	...	...	...	6 pots	
Piccalilli	...	...	...	4 pots	
Soups	...	...	...	371 packets	

HOUSING ACT, 1936.

Official representations under Sec. 11, of the Housing Act, 1936, were made in respect of :—

House	Action Taken
3 Franchise Street	Demolition Order Made
*42 Old Roman Road, Upwey	Demolition Order Made
88 Franchise Street	Demolition Order Made
90 Franchise Street	Demolition Order Made
92 Franchise Street	Demolition Order Made
28 Camp Road, Wyke Regis	Demolition Order Made

* Appeal to County Court, case dismissed.

Drainage Work.**New Buildings.**

Inspection of drainage work and sanitary appliances in New Buildings during erection:—

Number of New Buildings visited	...	122
Number of visits	...	535

Existing Buildings.

Inspection of drainage work and sanitary appliances in Existing Buildings.

The undermentioned new sanitary appliances, having been fitted, were inspected:—

New watercloset basins	...	...	...	...	73
New sinks	...	...	...	...	49
New baths	...	...	...	...	13
New wash hand basins	...	...	...	...	14
New urinals	...	...	...	...	2
New cesspools	...	...	...	...	1

Number of premises in which additional drainage works were carried out—19.

Number of premises completely or partly re-drained (due to defective system)—18.

Number of premises completely re-drained (due to cesspools only being abolished and conversion to main drainage system—E.C's and privies not included)—48.

Visits.

Number of visits made for the purpose of inspecting and testing new foul drains—328.

Number of visits made for the purpose of testing existing drainage systems—45.

Number of visits made in connection with proposed drainage alterations—94.

Conversion of existing premises to main drainage system at Upwey, Broadwey, etc.:—

Upwey and Broadwey	...	...	...	49 premises
Wyke Regis	...	...	...	1
TOTAL				50 premises
Number of Cesspools abolished	...	...	...	13
Number of Earth Closets abolished	...	...	...	24
Number of W.C.s previously connected to rainwater sewer, now connected to foul sewer	...	...	...	8

DISINFECTION AND DISINFESTATION.

Rooms disinfected or disinfested	...	...	...	128
Articles disinfected or disinfested	...	...	...	1545
Articles destroyed	...	...	...	42

ANIMALS DESTROYED.

Cats	...	...	...	262
Kittens	...	...	...	72
Dogs	...	...	...	133

WEYMOUTH MEAT INSPECTION.

Number killed (if known)	...	...	Pigs	Calves
Number inspected	...	...	780	1
			780	1

ALL DISEASES EXCEPT T.B.

Whole Carcases condemned	...	Nil - 0%	}	1.15%
Carcases of which some part or organ was condemned	...	9 - 1.15%		

TUBERCULOSIS ONLY

Whole Carcases condemned	...	8 - 1.02%	}	23.2%
Carcases of which some part or organ was condemned	...	173 - 22.18%		

DORCHESTER MEAT INSPECTION.

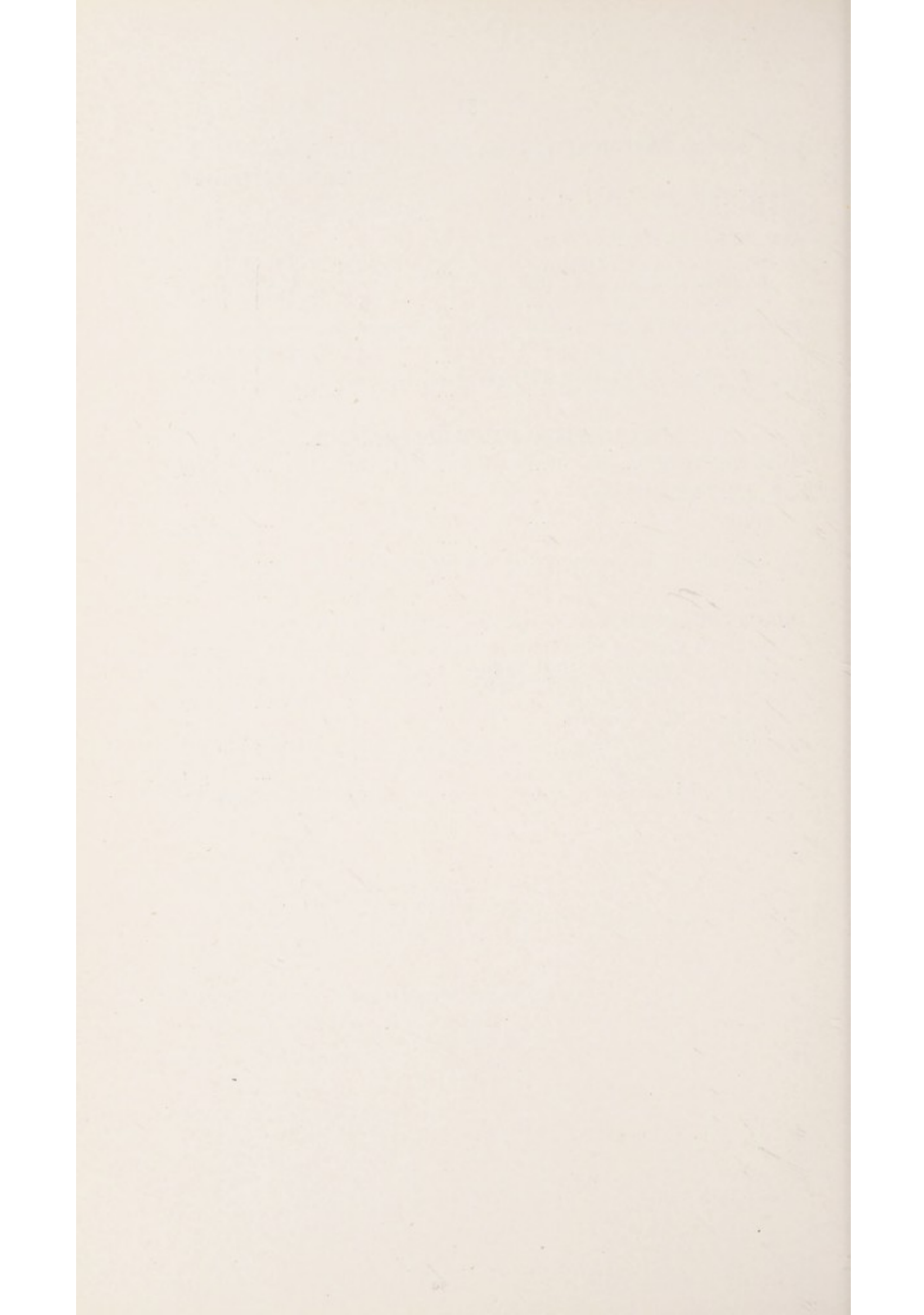
Number of Visits	47
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CARCASES EXAMINED

Cattle	1027
Sheep and Lambs	276
Pigs	15
Calves	324
Goats	20

MEAT CONDEMNED.

Bullock's Carcases with Internal Organs	...	...	...	21
Calf Carcases with Internal Organs	...	...	...	2
Pig Carcase with Internal Organs	...	...	...	1
Bullock's Fore Quarters	...	...	...	13
Bullock's Hind Quarters	...	...	...	6
Sheep Fore Quarters	...	...	...	4
Other small parts of Beef	...	...	...	4
Other small parts of Mutton	...	...	...	1
Other Offal	...	...	...	9301 lbs.



BOROUGH OF WEYMOUTH AND MELCOMBE
REGIS.



Meteorological Department

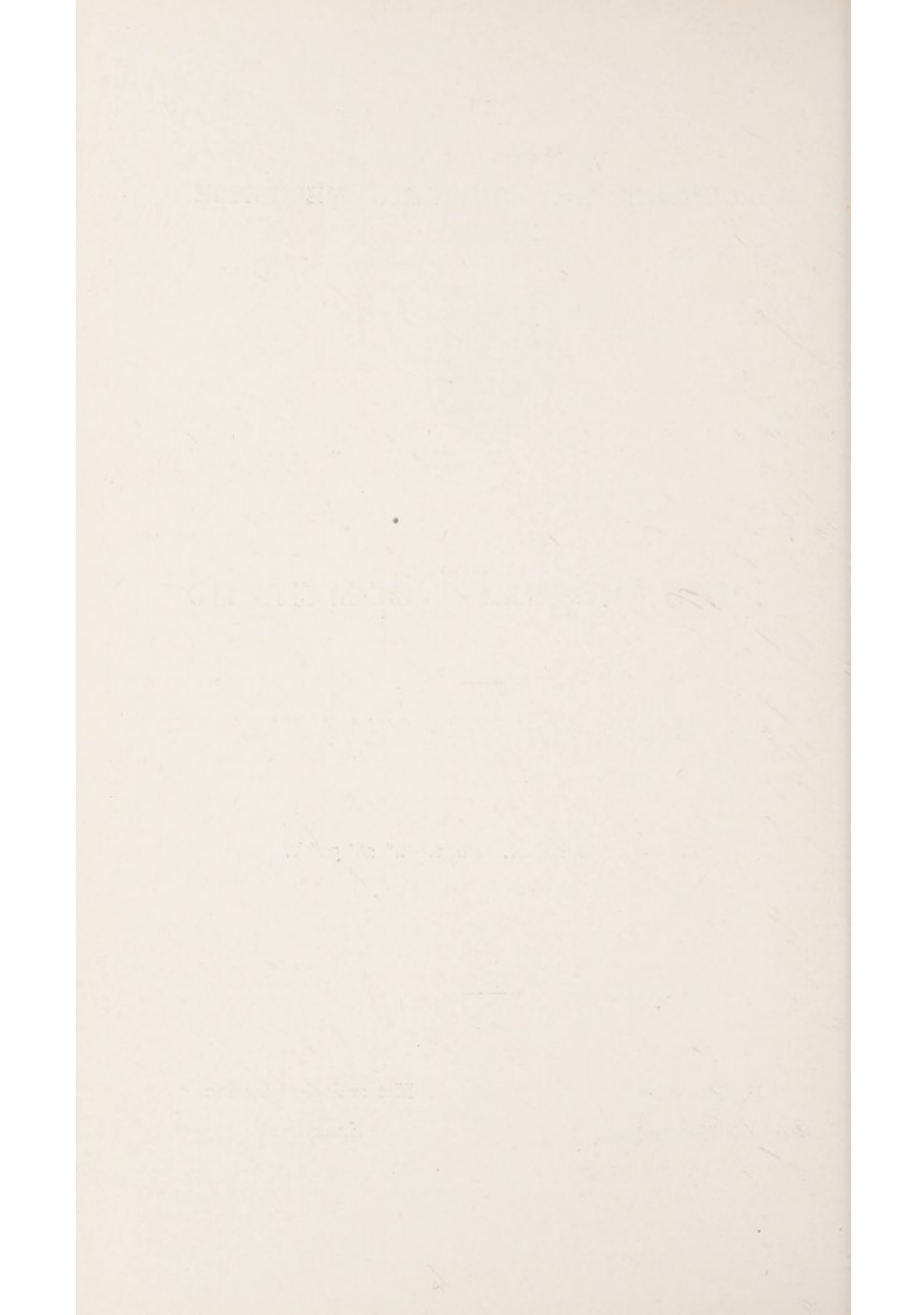
SUMMARY FOR THE YEAR 1947

Lat.— $50^{\circ} 36' 20''$ N. Long.— $2^{\circ} 26' 50''$ W

21 feet above Sea Level.

F. H. WEST,
Borough Meteorologist.

Meteorological Station,
Sunnybank.



Remarks.

The year 1947 was exceptional from a meteorological point of view.

Severe cold extending from the latter part of January to the first week in March, was followed by an exceptionally wet period. The remaining months were relatively warm. August, in particular, was a very warm and bright month. September and October were also quiet and sunny months.

The temperature ranged from 16 degrees in January to 90 degrees in August.

The rainfall for the year of 30.5 inches was rather above normal—8.21 inches fell in March. Rainfall of 1 m/m or more was registered on 115 days.

Bright sunshine amounted to 1626 hours and was more than 100 hours below normal. The August total was the highest recorded for that month and the February total the lowest on record.

Snow was registered on 21 days—a most unusual amount for Weymouth.

Among the dry periods of recent years were the following :—

- 1939 May 19th—June 10th, 22 days.
September 15th—October 4th, 19 days.
- 1941 March 8th—25th, 16 days.
May 3rd—21st, 18 days.
Sept. 7th—24th, 17 days.
- 1942 February 13th—March 3rd, 19 days.
April 14th—May 9th, 26 days.
June 13th—July 3rd, 20 days.
- 1944 March 15th—March 31st, 16 days.
- 1945 February 20th—March 15th, 24 days.
- 1947 August 21st—September 5th, 16 days.
September 23rd—October 8th, 16 days.
December 8th—23rd, 16 days.

Heavy daily rainfalls included the following :—

1939	June 15th	...	...	28.4 m.m.
	October 14th	...	...	40.0 m.m.
	November 23rd	...	...	30.5 m.m.
1940	January 26th	...	...	34.6 m.m.
	November 13th	...	...	42.6 m.m.
1941	March 7th	...	...	32.4 m.m.
	May 25th	...	...	37.6 m.m.
1942	August 29th	...	...	32.0 m.m.
1943	October 22nd	...	...	28.0 m.m.
1945	July 15th	...	...	28.3 m.m.
	September 1st	...	...	29.8 m.m.
	October 23rd	...	...	31.6 m.m.
1946	August 9th	...	...	32.5 m.m.
	November 23rd	...	...	30.7 m.m.

(One inch is the equivalent of 25.4 m.m.)

Weymouth sunshine records reveal good daily amounts as shown in the following table which gives the brightest day of any month from 1931—1947.

January	8.4 hours	...	...	30th January, 1931
February	10.0 hours	...	...	28th February, 1946
March	11.7 hours	...	...	26th March, 1937
April	13.9 hours	...	...	9th April, 1941 and 27th April, 1944
May	15.2 hours	...	...	31st May, 1939 and 17th May, 1941
June	15.6 hours	...	...	5th June, 1940
July	15.4 hours	...	...	7th July, 1935
August	14.1 hours	...	...	3rd August, 1934 and 3rd August, 1943
September	12.6 hours	...	...	7th September, 1931
October	10.8 hours	...	...	3rd October, 1943
November	8.5 hours	...	...	1st November, 1931 and 4th November, 1946
December	7.3 hours	...	...	4th December, 1946

METEOROLOGICAL ABSTRACT.

	1941	1942	1943	1944	1945	1946	1947
Highest Shade Temperature (°Fah)	... 85	77	75	80	76	78	90
Lowest Shade Temperature (°Fah)	... 22	21	30	26	17	23	16
Mean Maximum Temperature (°Fah)	... 56.4	56.0	57.7	57.2	57.7	57.1	57.7
Mean Minimum Temperature (°Fah)	... 44.8	44.4	45.9	45.3	46.6	46.2	45.7
Mean Temperature (°Fah) ...	... 50.6	50.2	51.8	51.3	52.1	51.6	51.7
Total Rainfall (Inches) ...	... 30.37	27.62	26.93	24.92	27.17	38.29	30.5
Hours of Bright Sunshine ...	... 1669.0	1633.0	1769.0	1741.1	1564.9	1648.2	1626.1
Number of Days with Sunshine...	... 297	261	286	303	295	297	280
Greatest Daily Amount of Sunshine (Hours)	15.5	15.0	14.9	15.5	15.2	14.7	15.5
Highest Barometer Reading (Inches) ...	... 30.752	30.635	30.718	30.685	30.838	30.752	30.688
Lowest Barometer Reading (Inches) ...	... 28.710	29.322	28.908	29.078	28.750	29.000	28.812

BAROMETER

Barometer Readings at 0900 hours G.M.T. corrected for Temperature and Altitude.

1947	Mean		Highest	Lowest	Relative Humidity	
	m/b	Inches	m/b	m/b	%	%
Month			Date	Date		
January	1015.8	30.00	1034.0	996.9	...	81
February	1007.4	29.75	1022.3	978.4	...	79
March	1003.2	29.63	1018.9	986.7	...	83
April	1019.1	30.10	1039.2	998.6	...	78
May	1015.3	29.98	1026.4	1001.6	...	81
June	1015.8	30.00	1030.0	1000.9	...	78
July	1016.0	30.01	1026.0	1000.5	...	77
August	1020.0	30.12	1027.7	1007.2	...	64
September	1019.6	30.11	1035.2	1010.3	...	79
October	1021.7	30.17	1032.3	1006.4	...	75
November	1015.6	29.99	1027.9	1001.4	...	84
December	1017.6	30.05	1038.5	975.7	...	82
Year	1015.6	29.99	1039.2	975.7	...	78

TEMPERATURE OF THE AIR (Fah.)

1947 Month	9 a.m. Mean	Max. Mean	Min. Mean	Max. & Min.		Difference Mean from Average	Highest	Date	Lowest	Date
				Mean	Min.					
January	39.8	44.6	34.6	39.6	—2.7	54	15th	16	29th	
February	32.8	36.3	28.7	32.5	—9.8	46	26th	20	25th	
March	43.0	47.7	37.4	42.5	—1.7	55	29th	23	2nd	
April	48.9	54.7	42.9	48.8	+0.7	67	17th	34	5th	
May	55.4	61.1	48.9	55.0	+0.9	82	30th	39	2nd	
June	59.5	66.0	53.1	59.5	+0.8	86	3rd	47	13th&16th	
July	63.0	69.6	57.0	63.3	+1.0	81	27th	51.	12th	
August	69.6	77.2	60.0	68.6	+5.9	90	17th	51	8th	
September	63.2	69.4	54.9	62.1	+2.6	78	2nd&5th	41	30th	
October	56.2	61.8	47.5	54.6	+1.0	73	6th	40	15,28,30	
November	50.0	54.4	44.6	49.5	+2.4	63	5th	29	27th	
December	44.0	49.7	39.4	44.5	+1.5	56	26th	24	1st	
Year	52.1	57.7	45.7	51.7	+0.2	90	17th Aug.	16	29th Jan.	

RAINFALL.

1947	TOTAL FALL		Percentage of Average	Days of		Wet Days of 1.0 m/m or more	Greatest fall in 24 hours		Date
	Inches	m/m		0.2 m/m or more	0.2 m/m or more		inches	inches	
January	...	3.15	79.9	128	15	14	.52	.52	5th
February	...	2.23	56.7	103	8	5	.74	.74	1st
March	...	8.21	208.6	399	26	23	.94	.94	5th
April	...	2.29	58.1	138	15	10	.49	.49	23rd
May	...	2.07	52.5	128	14	11	.44	.44	29th
June	...	2.28	58.0	128	13	9	.48	.48	27th
July	...	1.39	35.4	78	9	9	.52	.52	21st
August	...	1.16	29.5	54	6	4	.76	.76	4th
September	...	1.35	34.2	64	11	6	.56	.56	19th
October	...	1.10	27.9	30	6	6	.32	.32	21st
November	...	1.97	50.1	64	15	8	.61	.61	17th
December	...	3.31	84.1	95	12	10	.65	.65	3rd
Year	...	30.51	775.0	106	150	115	.94	.94	Mar. 5th

THE WINDS

Observed daily to 16 points but reduced to 8 points of the Compass.

MONTH.	DIRECTION.									
	N.	N.E.	E.	S.E.	S.	W.	S.W.	N.W.	Calm	
January	...	5	4	8	2	3	2	5	2	—
February	...	9	15	2	—	1	1	—	—	—
March	...	—	3	7	3	11	2	3	2	—
April	...	5	1	4	3	9	1	5	2	—
May	...	5	—	11	4	5	1	3	2	—
June	...	—	4	6	—	10	1	7	2	—
July	...	5	2	1	2	9	5	7	—	—
August	...	6	17	4	—	2	2	—	—	—
September	...	3	6	4	1	9	6	1	—	—
October	...	5	10	5	1	5	4	—	1	—
November	...	3	1	1	—	9	8	7	1	—
December	...	9	1	1	—	3	10	3	4	—
Year	...	55	64	54	16	76	43	41	16	—

BRIGHT SUNSHINE.

1947 Month	Actual Sunshine (Hours)	Percentage of Average	Greatest Daily Amount (Hours)	Date	Number of Days with Sunshine Recorded	Sunless Days	Cloud Amount 1-10 (9 a.m.)
January	...	61.6	92	6.7	22	9	7
February	...	35.2	42	9.0	12	16	8
March	...	84.8	61	10.6	20	11	8
April	...	169.3	94	12.4	25	5	6
May	...	143.1	66	13.9	28	3	7
June	...	234.0	101	15.5	28	2	7
July	...	233.9	104	14.6	30	1	7
August	...	291.9	140	13.8	31	0	3
September	...	151.8	92	11.1	30	0	6
October	...	127.7	112	10.0	24	7	6
November	...	47.4	61	6.8	14	16	8
December	...	45.5	84	6.3	16	15	7
Year	...	1626.1		15.5	June 280	85	7

SUNSHINE EXTREMES SINCE 1901.

BRIGHT MONTHS.

Month			Hours	Year
January	...	...	96.5	1945
February	...	...	127.7	1909
March	...	...	211.9	1907
April	...	...	259.9	1912
May	...	...	326.5	1909
June	...	...	326.0	1925
July	...	...	379.6	1911
August	...	...	291.9	1947
September	...	...	226.3	1911
October	...	...	175.3	1919
November	...	...	121.5	1909
December	...	...	95.5	1917

LOWEST MONTHS.

Month			Hours	Year
January	...	...	31.5	1921
February	...	...	35.2	1947
March	...	...	84.6	1901
April	...	...	103.4	1905
May	...	...	132.2	1932
June	...	...	153.1	1909
July	...	...	135.5	1944
August	...	...	107.8	1912
September	...	...	89.5	1945
October	...	...	73.6	1934
November	...	...	42.9	1932
December	...	...	26.2	1927

WEYMOUTH SUNSHINE HOURS RECORD SINCE 1895.

Year	Hours	Year	Hours	Year	Hours	Year	Hours
1895 ...	1953.7	1910 ...	1693.7	1925 ...	1710.1	1940 ...	1883.3
1896 ...	1904.0	1911 ...	2090.9	1926 ...	1554.4	1941 ...	1669.0
1897 ...	1827.5	1912 ...	1582.4	1927 ...	1692.7	1942 ...	1663.0
1898 ...	1828.4	1913 ...	1583.7	1928 ...	1898.9	1943 ...	1769.0
1899 ...	2030.2	1914 ...	1826.8	1929 ...	2024.1	1944 ...	1741.1
1900 ...	1642.7	1915 ...	1729.8	1930 ...	1803.7	1945 ...	1564.9
1901 ...	1675.9	1916 ...	1677.5	1931 ...	1572.8	1946 ...	1648.2
1902 ...	1421.4	1917 ...	1653.5	1932 ...	1554.4	1947 ...	1626.2
1903 ...	1554.0	1918 ...	1804.9	1933 ...	1987.3		
1904 ...	1675.6	1919 ...	1803.5	1934 ...	1807.0		
1905 ...	1706.9	1920 ...	1523.4	1935 ...	1706.2		
1906 ...	1908.3	1921 ...	1934.6	1936 ...	1549.3		
1907 ...	1784.1	1922 ...	1748.0	1937 ...	1628.5		
1908 ...	1857.9	1923 ...	1695.6	1938 ...	1646.6		
1909 ...	1938.5	1924 ...	1687.6	1939 ...	1786.4		

Average—1740.2

Greatest amount of Sunshine in one year—2090.9 in 1911.

Least Sunshine in one year—1421.4 hours in 1902.

WEYMOUTH RAINFALL RECORD FROM THE YEAR 1881.

Year.	Amount in inches	Year.	Amount in inches	Year.	Amount in inches	Year.	Amount in inches
1881 ...	30.40	1898 ...	21.70	1915 ...	35.29	1932 ...	25.84
1882 ...	33.46	1899 ...	24.90	1916 ...	33.96	1933 ...	20.69
1883 ...	23.31	1900 ...	27.10	1917 ...	23.96	1934 ...	26.51
1884 ...	24.93	1901 ...	24.07	1918 ...	26.51	1935 ...	35.60
1885 ...	28.47	1902 ...	24.28	1919 ...	32.41	1936 ...	27.56
1886 ...	32.54	1903 ...	32.87	1920 ...	29.65	1937 ...	39.57
1887 ...	20.57	1904 ...	28.30	1921 ...	15.88	1938 ...	24.22
1888 ...	28.97	1905 ...	21.61	1922 ...	31.11	1939 ...	35.04
1889 ...	23.98	1906 ...	28.31	1923 ...	28.80	1940 ...	35.00
1890 ...	22.51	1907 ...	27.44	1924 ...	38.65	1941 ...	30.37
1891 ...	35.68	1908 ...	24.57	1925 ...	34.56	1942 ...	27.62
1892 ...	24.40	1909 ...	27.68	1926 ...	29.83	1943 ...	26.93
1893 ...	22.73	1910 ...	30.65	1927 ...	33.34	1944 ...	24.92
1894 ...	36.51	1911 ...	24.80	1928 ...	34.60	1945 ...	27.17
1895 ...	27.38	1912 ...	37.93	1929 ...	29.73	1946 ...	38.29
1896 ...	21.81	1913 ...	26.00	1930 ...	30.72	1947 ...	30.51
1897 ...	29.21	1914 ...	36.07	1931 ...	27.13		

Average—28.88

Wettest Year, 1937—39.57 inches.

Driest Year, 1921—15.88 inches.

