#### [Report 1970] / Medical Officer of Health, Littlehampton U.D.C.

#### **Contributors**

Littlehampton (England). Urban District Council.

#### **Publication/Creation**

1970

#### **Persistent URL**

https://wellcomecollection.org/works/pnvxhenh

#### License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



L' 18 15 helran

# LITTLEHAMPTON URBAN DISTRICT COUNCIL

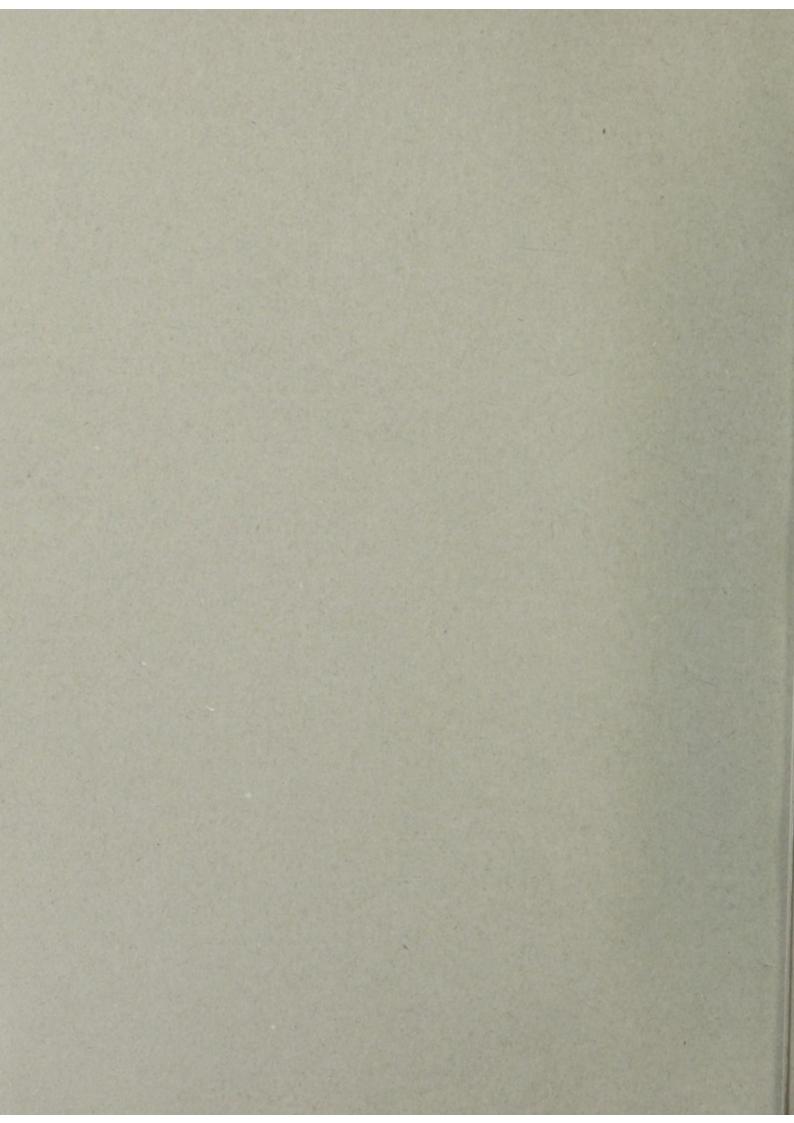




ANNUAL REPORT

OF THE

Medical Officer of Health



URBAN DISTRICT OF LITTLEHAMPTON

ANNUAL REPORT

Nothitable Inter

Soultary Circumstancio of the Area

MEDICAL OFFICER OF HEALTH

000

# CONTENTS

			Pag	e:
	Introduction	1	-	1
SECTION A:	General Statistics	5	-	10
SECTION B:	Notifiable Diseases	11	-	13
SECTION C:	General Provision of Health Services	14	-	17
SECTION D:	Sanitary Circumstances of the Area	18	-	26
SECTION E:	Housing	27	-	31
SECTION F:	Food Hygiene	32	-	33
SECTION G:	Meteorological Statistics	34	-	36

#### THE HOUSING, HEALTH AND WELFARE COMMITTEE 1970 - 71

Chairman: Mr. W. Kearney

Vice-Chairman: Mr. A. J. R. Moss

#### Chairman of the Council: Mr. A. T. J. Hancock

Mr. J. A. Colliss

Mr. A. A. Coomes

Mr. L. H. Hutchings

Mr. C. R. Joyce

Mr. H. Meakins

Mr. J. Richardson

### Medical Officer of Health

Frank Cockcroft, M.A., L.R.C.P., M.R.C.S., D.P.H.

#### Chief Public Health Inspector

A. M. Tanner, M.A.P.H.I.

# Public Health Inspector

R. Hardman, M.A.P.H.I.

# Rodent Operator:

- J. Barber (To September 30)
- B. Martin (From " 28)

The Medical Officer of Health is also Medical Officer of Health for the Worthing Rural District and Departmental Medical Officer for the County Council.

The Port Health District work is carried out by the Medical Officer of Health and the Public Health Inspectors.

#### IITTLEHAMPTON UPBAN DISTRICT COUNCIL

Council Offices,

LITTLEHAMPTON.

June, 1971.

Ladies and Gentlemen,

I have pleasure in presenting my Annual Report for 1970.

Littlehampton had the undesirable distinction of having once again a high illegitimate birth rate, only equalled by one other coastal district in West Sussex. Over 11% in Littlehampton, yet only 4.5% in neighbouring Worthing Rural District and 7% in the county as a whole.

Another undesirable figure was achieved as a result of 47 more deaths. Littlehampton had the highest standardised death rate in the county, whilst its neighbour, Worthing Rural District, had the lowest. The increase was due partly to more ischaemic heart disease and cancer deaths.

The notifications of notifiable diseases reached the lowest level recorded. This is due to the impact of the immunisation campaign which now includes protection against measles and German measles.

Various factors, such as the closing of the river bridge to heavy lorries, lack of covering material and indiscriminate tipping by persons unknown, led to the refuse tip becoming in an unsatisfactory state. There was much uncovered refuse over a wide area and the tip face was not covered as a controlled tip one should be. The delay in getting planning permission made the situation worse for a time. By the end of the year there was considerable improvement. The rodent operator reported no greater incidence of rats than usual on the site but there were reports from the caravan site at Climping that rats had been seen there for the first time. It is probable the rats came from the river bank following disturbance due to work on the approaches to the new bridge over the Arun. Increasing costs of refuse disposal make it very difficult for small authorities to deal with their own problem. The answer certainly seems to be in regional refuse disposal arrangements.

The problem of sewage disposal is also one which causes difficulties in seaside towns where their existing sea outfalls are no longer satisfactory. Although I am satisfied there is no health risk at Littlehampton to bathers in the sea, there have been complaints on a few occasions of people seeing sewage items floating on the sea. This is very undesirable for bathers and will not occur from the proposed new treatment works and outfall.

The West Beach has lovely sand dunes and would be ideal for all if it were not for the few thoughtless citizens who leave behind broken glass, crown corks and similar objects, which get covered with a layer of fine sand after their departure. The first aid post then has to deal with nasty cuts on the feet of unsuspecting victims.

On two occasions old people living in insanitary conditions and unable to look after themselves refused to be helped until a Magistrate had almost signed an order for their removal to hospital. Most chronically sick old people, who need a hospital bed, are only too pleased to accept one if it can be obtained and obtaining beds in this area is extremely difficult and likely to get worse until the Worthing Hospital Extension is completed.

The first aid post was busy as usual during the season and it was appropriate that a building should be erected as a first aid post to provide better facilities for this essential service to visitors.

The health department has worked smoothly and taken on the housing improvement grant work without serious detriment to any other routine work. My thanks are due to Mr. Tanner and the staff for overcoming any problems that arose.

I am indebted to the Officers of the Council, the County Medical Officer and others for providing me with the necessary information to complete this report.

I em, Ladies and Gentlemen, Your obedient Servant,

June Chang

14.5

MEDICAL OFFICER OF HEALTH.

14.1 15.9

# SECTION A:

#### GENERAL STATISTICS

# AREA 2,915 Acres

ESTIMATED RESIDENT POPULATION - 18,830

SUM REPRESENTED BY A PENNY RATE £3,740

routine work. M

# VITAL STATISTICS

#### LIVE BIRTHS:

postron

sessor a Jan	end na	Legi	timate	Illegi	timate
Year	Total	Male	Female	Male	Female
1969	247	103	112	17	15
1970	265	118	117	17	13

	The factory	Rate	per 1,000	population	- curabdear sluga
Year	Littleha	ampton U.I	D. West	Sussex	England & Wales
	Crude	S	tandardised	Rate	
	loult fo	gray	Urban	Rural	
1969	13.6	15.4	15.1	18.1	16.3
1970	14.1	15.9	14.5	17.6	16.0

# DEATHS:

-	Year	Total	Male	Female
-	1969 1970	280 327	148	132 167

Year			Rate pe	er 1,000 p	population
	Ettleham	pton U.D	. West S	Sussex	England & Wales
	Crude	Stan	dardised I	Rate	6 60
1969	15.4	10.6	Urban 10.1	Rural 9.1	11.9
1970	17.4	12.4	10.3	9.3	11.7

# STILLBIRTHS:

00 1600	Tr.	Legi	timate	Illeg:	itimate	
Year	Total	Male	Female	Male	Female	
1969	2	1	1	-		
1970	2	2	-	-		

Year	Rate per 1,000 live	e and stillbirths	
	Littlehampton U.D.	England & Wales	Carrea
1969	8	13	go kos
1969 1970	7	13	

# INFANTILE DEATH RATE:

	Rate per 1,000 total live births											
Year	Little	hampton	U. D.	West	Sussex	England & Wales						
1969	Total 8	Legit:	Illeg:	Urban . 16	Rural 14	18						
1970	19	21	nil	19	21	18						

	Neo-r Morta (Deaths 4 we	lity	Mort (Deat	leo-natal tality ths under veek)	Morta (Still) Deaths	natal ality births & under 1 ombined)
- 0.1	1969	1970	1969	1970	1969	1970
Total Deaths	1	3	1	1	3	3
Rate per 1,000 total live births	4	11	4	4		7:
Mortality rat	e per 1,	,000 liv	e and st	tillbirths	12	11

# DEATHS FROM CANCER:

		Rate	per 1,	000 рор	ulation	
Year	Total	Littlehampton U.D.	U.D. West Sussex		England & Wales	
1969	52	2.8	Urban 3.2	Rural 3.1	2.3	
1970	61	3.2	3.1	3.0	2.4	

# PRINCIPAL CAUSES OF DEATH

Bronchitts and Emphysema

wasiqued JasagtisM

Maligrant Mapplesm, wterus

Malignant Meoplasm, prostate

Chronic Rheumatic Heart disease

#### FROM PULMONARY TUBERCULOSIS: DEATHS

Under 45-165-175 & 1

I	1	2 1	Jan I	न्		Total V.	osis, respirato	Tubercul
	9 25		127	Rate	per 1,000	) populati	ion managed in	Other in
Year	Total	Littl	ehampton	U.D.	West Su	ıssex	England & Wales	Maligner Maligner
3 3		e Con	and allowed	in l	Urban	Rural	of .malgoell for	Malicon
1969	1	-	0.05	I	0.01	0.01	0.04	
1970	1	-	0.05	A I	0.01	0.01	0.02	Maliam

#### (including abortion): MATERNAL DEATHS

2 2	1 4 1 1	Link	2 2 2T 8	Rate	Rate per 1,000 live and stillbirths				
Year	Total	Little	hampton	U.D.	West	Sussex	England & Wales	iabet	
1969	nil	-	nil	M	Urban nil	Rural 0.4	0.19 0015	ther entel	
1970	nil	Zam	nil	M	nil	nil	0.18	ultip	

# COMPARATIVE STATISTICS - 1901 to 1970:

I

M 6 - I S 3			98	ive diseas	Hypertensi
M 48 - 11 23 14	1901	1938	1946	1970	Ischaemiç
Population	7,363	10,178	12,320	18,830	Other for
Birth Rate - SI	20.9	14.8	20.8	14.1	
Death Rate	13.7	11.9	14.7	15.9	Cerebrova
Infantile Mortality Rate	143	48	47	10 19	Other dis
Average no. persons per house	4.9	2.8	3.5	2.9	Influenza
No. Inhabited houses	1,504	3,581	3,479	6,341	Swarson's Lilk
M   13   1 -   6   6		/			Pneumonia

-6-

# PRINCIPAL CAUSES OF DEATH

Causes of Death	Sex	Total	Under 45	45-64		75 & over
Tuberculosis, respiratory	F	1	-	-	1	-
Other infective and parasitic diseases	F	1	1	-	1-	-
Malignant Neoplasm, buccal cavity etc.	F	1	-	-	1	-
Malignant Neoplasm, oesophagus	M	1		-	1	_
Malignant Neoplasm, stomach	M	4	Libell	Laste	1	322531
Marighano Neopiasm, Boomach	F	2	_	_		1 3
Maldament Neonlass detection	M		-	1	2	2
Malignant Neoplasm, intestine	F	5 8	-	2	1	1 6
0.01 0.01 0.04			-	1 4		2
Malignant Neoplasm, lung, bronchus	M	10	-	1	6	3
20.00	F	3	-	1	1	
Malignant Neoplasm, breast	F	2	-	2	-	-
Malignant Neoplasm, uterus	F	2	-	1	1	-
Malignant Neoplasm, prostate	M	3	SHE	300_	AVIS	3 1 5 2
Leukaemia	F	2	1	-	-	1
Other malignant Neoplasms	M	12	1	2	4	5
has avid 000, 1 reg	F			1	2	6
Panien and unemacified Noonlages	F	5			1	-
Benign and unspecified Neoplasms			-	-	1	1
Diabetes Mellitus	M	2	of seet	1	2 -	1
I I has the united f (	F	Og dass	-	1	-	-
Other Endocrine etc. diseases	M	1	1	-	-	-
Mental disorders	F	1	-	1	10	-19
Multiple Sclerosis	F	1	-	1	-	-
Other diseases of Nervous System	M	2	-	1 200	1	1
	F	1	-	-	-	1
Chronic Rheumatic Heart disease	M		-	-	1	-
Total Deaths :OTEL of	F	3	STATE	1	2	COM
Hypertensive disease	M	6		li	2	3
Typer ventile disease	F	-	-	1	- and a	7
Tachaemia Heart disease	M	48	-	11	23	14
Ischaemic Heart disease		40	-	1 77	120	14
7.368 10.178 accept decay 200 100 100	F	35 8 12	-	1	6	28
other forms of heart disease	M	8	-	-	1	7
20.9 14.8 20.8 14.1	F	12	-	93-5	dia-	12
Cerebrovascular disease	M	88	-	2 4	1	5
The same of the sa	F	30	-	4	7	1.9
Other diseases of Circulatory system	M	10	lowtell	2	4	4
	F		1 -	1 -	1	3
Influenza	M	4	-pere	on t	i	VAC
1,500 3,581 5,479 6,341	F	400	W. Barre	ldl	2	100
			2	1	6	28 7 12 5 19 4 3 - 16 76 1
Pneumonia	M	13	1	-		0
	F	10	-	2	1	17
Bronchitis and Emphysema	M	10	1	1	2	6
	F	1	1 -	-	-	1

Causes of Death	Sex	Total	Under 45	45- 64	65- 74	75 & over
Other diseases of Respiratory System	М	3	1	1	-	1
Peptic Ulter	F M F	1 1	581	-0.1	1	1 -
Intestinal Obstruction and Hernia	F	2	-	-	-	2
Cirrhosis of Liver Other Diseases of Digestive System	M M	1	£10	1 -	4G.	ī
Hyperplasia of Prostate	F	1 3 2	1	ī	2	1
Other Diseases, Genito-Urinary System	MF	1 5	aluofi	3178	2	1 3
Diseases of Musculo-Skeletal System Congenital Anomalies	M M	5 1 1	1	-	-	3
Other causes of Perinatal Mortality	F	1 1 1	1	of	25	9700
Symptoms and ill defined conditions	MF	2	-	-	-	2
Motor Vehicle Accidents	M	13	1	-	-	13
All other Accidents	M F	3 1	1 -	-	-	3
All other external causes	F	1	-	1	-	-
$\underline{\text{TOTALS}} :  \mathbb{F} = 158$	origi origi	327	1.3	45	91	178

#### SECTION: B

#### NOTIFIABLE DISEASES

Disease	Under 1 year	1-4	5-9	10-14	15-24	Over 25	Total
Dysentery	3 -	4	2	-	-	molds.	6
Measles	1	8	2	-	-	0370	11.
Meningitis	3 -	1	-	-	-	-	1
Scarlet Fever	-	-	-	-	1	-	1
Tuberculosis	-	-	-	-	-	-	2
1-1-1	1	м		meday	TOT	AL =	21

There were no cases notified in 1970 of the following diseases:-

Acute encephalitis Acute poliomyelitis Anthrax Cholera Diphtheria Food Poisoning Infective jaundice Leprosy Leptospirosis Malaria Ophthalmia Neonatorum Paratyphoid Fever Plague Relapsing Fever Smallpox Tetanus Typhoid Fever Typhus Whooping cough Yellow Fever

Notifications 1961-1970 of diseases notifiable at the present time.

Disease .	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Meningococcal Infection Scarlet Fever Whooping Cough Measles Dysentery Encephalitis Food Poisoning Infective Jaundice Tuberculosis Non Pul. Pul.	- 5 9 110 - - - 5	- 14 1 20 1 - 2 - 5	- 1 5 908 8 - - -	7 32 37 1 - -	- 6 11 412 - 1 1 - 3	15 250 1 -	- 5 3 55 1 2	- 5 6 30 - 1 6	- 7 1 138 - - 18	1 1 - 11 6 - -
TOTALS	129	43	923	78	434	266	66	48	164	21

#### INFLUENZA

The Council offered vaccination against influenza to its staff: 63 out of 180 took advantage of the Council's offer.

#### IMMUNISATION

The following immunisations were carried out, on children under 16 years of age, during the year:-

Diphtheria	and	Tetanus:

Primary Injections 1 Reinforcing Injections 243

Diphtheria, Tetanus and Whooping Cough:

Primary Injections 225 Reinfercing Injections -

Measles:

Primary Vaccination 465

### Poliomyelitis Vaccination:

Initial	3	doses	of	oral	vaccine	243
Reinford	ir	ng prod	cedi	ires		322

# Smallpox Vaccination:

Primary Vaccination	214
Re-vaccination	574

#### B.C.G .:

County Schools	5 -		
Andrew Cairne	No	veccineted	

Andrew Cairns	No. vacci	nated 1	16
Maud Allan	No. vacci	nated 1	40

# Private Schools:

Rosemead

Convent of the Holy Family

No. vaccinated 51 No. vaccinated 30

#### TUBERCULOSIS

	Puli	Pulmonary		Pulmonary	Total
att of aggorfled which	Male	Female	Male	Female	ociT
Cases on Register at 1.1.70	22	6	1	2	31
Primary notification during 1970	0 0 10	1	etnumi ur The	t galvoilet	1
Notification of transfer from other area during 1970	1	tauda	10 O S	nlusdispli	1
	23	7	1	2	33
Removals from register during 1970:-	Amone	7 fire a	rinds?		
Due to recovery	2	amilio	to Tab	andre I	2
Due to change of diagnosis	1	Injects	anhou.	Reinf	1
Cases on Register at 31.12.70	20	7	1	2	30

There was one primary notification, one transfer from another district, two patients recovered and the diagnosis of another was changed from tuberculosis.

#### SECTION: C

#### GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

#### SERVICES PROVIDED BY WEST SUSSEX COUNTY COUNCIL:

# (a) Ambulance Service:

The County Council operate the Ambulance Service (including the ambulance car service) in the County. Requests are made through the doctor or hospital attending the patient, or through the Police or public in case of accidents or other emergencies.

# (b) Child Health Clinic:

Child Health Clinic is held at Littlehampton Health Centre weekly on Thursdays at 2 - 4 p.m. - a doctor being in attendance on the second and fourth Thursday each month.

The following figures have been provided by the County Medical Officer showing the attendances at the Child Health Clinic.

No. of children attending Total attendances

2,598

# (c) Chiropody:

This is provided for those of pensionable age.

# (d) Family Planning:

A Family Planning Clinic is provided by the County Council at Shoreham Health Clinic and the Family Planning Association operates one at the Health Clinic at Bognor Regis, Littlehampton and Worthing.

# (e) Health Clinic for the Retired:

This is a Screening Clinic held weekly on Friday mornings at the Fitzalan Road Health Centre.

# (f) Health Education

The County Council is responsible for this service, a great amount of which is done by the Health Visitors both in the homes and at the Clinics.

# (g) Home Help Service:

The County Council is responsible for this service.

# (h) Mental Health:

The County Council is responsible for a domiciliary mental welfare service, but institutional and out-patient treatment is provided by the Regional Hospital Board.

# (i) Nursing:

The Home Nurses, Midwives and Health Visitors employed in the area are now attached to General Practitioners.

The telephone numbers of Midwives and Home Nurses are listed in the telephone directory under 'Nurses - West Sussex County Council'.

# (j) School Clinics:

Minor Ailments Eye Speech Therapy Dental

Littlehampton Health Centre

Expectant and nursing mothers may also receive free treatment at the Dental Clinics. Dental anaesthetics were given by a Consultant Anaesthetist from the Regional Hospital Board on a sessional basis.

# HOSPITAL AND SPECIALIST SERVICES:

A comprehensive hospital and specialist service is provided by the Regional Hospital Board. Hospital accommodation of a private nature is available in certain circumstances, subject to appropriate charges.

# Chest Clinics:

Chest Clinics are held at Worthing Hospital and at Aldingbourne Chest Hospital, both of which are available to the residents of Littlehampton.

# General Medical and Dental Service:

Local arrangements for these services are organised through the National Health Service Executive Council for West Sussex at 175, Broyle Road, Chichester.

# Homes for Old People:

There are 15 homes registered with the County Welfare
Department accommodating 169 people at charges ranging between 6 to
18 guineas, and there is one blind home with accommodation for 24.

#### Laboratory Facilities:

The following Laboratories are available for the examination of specimens:-

The Public Health Laboratory, Brighton.
The Worthing Hospital Laboratory.
The Public Analyst's Laboratory, Lewes.

#### Mass Radiography:

Mass Radiography was carried out by the Portsmouth Unit until the end of March. From April the Surrey Unit from Worcester Park visited Littlehampton weekly for cases referred by general practitioners, the local authority or the general public wishing to be X-rayed. The number X-rayed from April to December was 866.

#### Meals-on-Wheels:

Meals are provided and delivered to old people in their homes by the W.R.V.S. on Tuesdays and Thursdays, approximately 460 meals a week being delivered - 200 to the Littlehampton area and 262 to the Worthing Rural West area - at a cost of ls. 6d. per meal to the consumer.

# Medical Examination of Staff:

Five examinations were carried out for Superannuation purposes, and eleven for fitness for employment below ground.

# Mortuary:

The Littlehampton Urban District Council provide a mortuary which serves the Littlehampton area. The number of admissions during the year was 86.

# Nursing Homes:

There are four private nursing homes in the district.

#### Persons in need of care and attention:

One case had to be dealt with under section 47 of the National Assistance Act 1947 to the extent of getting a certificate signed by the general practitioner and myself and asking a magistrate to visit and sign an order, if necessary. The man, living alone, was found by the police after he had had a stroke and was unable to look after himself and was living in unsatisfactory conditions. He steadfastly refused to go to hospital even after a bed had been found for him.

With the aid of his niece and her husband the magistrate and I were able to persuade him to go into hospital without an order actually being signed.

#### Venereal Disease:

Residents may attend Clinics at:-

Worthing Hospital
St. Richard's Hospital, Chichester
The Royal Sussex County Hospital, Brighton
St. Mary's Hospital, Portsmouth.

#### SECTION D:

#### SANTWARY CIRCUMSTANCES OF THE AREA

#### Water:

Worthing Corporation Water Department supply Littlehampton with water from the Downs at Burpham via Borehole No.2. The water is pumped from Burpham to Batworth Park Reservoirs and from there is distributed to Littlehampton.

The Chemist and Bacteriologist of the Brighton Water Department carries out all the examinations on the water. He has reported that:-

- The water has been satisfactory in quantity and quality. Continuous chlorination is carried out at Burpham.
- 2. Results of bacteriological sampling were:-

eplantistical probabilities	No.	Coliform organism	No.showing E. Cols. present in 100 ml.	No.showing absence of Coliform organism in 100 ml.
Raw Water	253	161	161	92
Treated Water (taken at Burpham)	253	nil	nil	253
Treated Water (taken at Littlehampton	250	nil	nil	250

- The water is hard, being all obtained from the chalk.
   The chemical analysis shows a total average hardness of 241 mgm. per litre.
- 4. No evidence of any plumbo-solvent action has been found.
- The natural fluoride content of the water is less than
   0.1 milligrams per litre.

The Public Health Department in addition took 11 samples during the year of water from the one school swimming pool in the Urban District and from wharf side taps and hoses used for filling ships' tanks. All proved on testing to be satisfactory.

#### Drainage and Sewerage

During the year 1,471 yards of foul sewers and 1,005 of storm water sewers came into use.

#### Public Conveniences:

The Council maintain public conveniences for males and females at the following places:

Church Street
The Promenade
Maltravers Recreation Ground
Norfolk Road
Mewsbrook Park
North Street
Worthing Road Recreation Ground
West Beach
Horsham Road Cemetery

In addition there are male conveniences near the swing bridge and off the High Street; a female convenience in Beach Road and a male and female convenience in Southfields Road.

This makes a total of 23 conveniences in all - 12 for males and 11 for females.

#### House Refuse:

Refuse was disposed of by controlled tipping on the Council's disposal site in Ferry Road.

The public continue to make use of the tipping facilities provided under the Civic Amenities Act 1967 at the Council's site and considerable reduction in the indiscriminate dumping of rubbish throughout the town has been noted.

# Schools and Day Nurseries:

There are 8 County Primary and Secondary Schools, Independent Schools and 6 registered Day Nurseries (including Play Groups) in the district.

# Offices, Shops and Railway Premises Act 1963:

99 routine inspections have been carried out at premises where the Local Authority is responsible for the enforcement of the provisions of the Act. 23 Informal Notices were served regarding contraventions. No special problems have arisen and no statutory action was necessary, 23 defects being remedied informally.

One non-fatal accident was reported to the local authority and informal advice was given.

#### Common Lodging Houses:

There are no common lodging houses registered in the district.

# Clean Air Act 1968:

4 notifications in accordance with Section 6 of the Clean Air Act 1968 of the installation of new oil-fired furnaces were received.

3 applications for prior approval under Section 3 were received and granted.

# Camping and Caravan Sites:

9 sites are licensed under the provisions of the Caravan Sites and Control of Development Act 1960. All the sites are for residential caravans and there are no facilities for touring caravans.

On 2 occasions, caravans used for human habitation, were discovered on unauthorised sites. In both cases the caravans were moved on request.

There is one camping site licensed for tents adjoining the east bank of the River Arun, with a capacity for 310 tents.

# Noise Abatement Act 1960:

Complaints were received regarding 28 alleged noise nuisances, and of the 26 found to be justified 21 have so far been remedied, all informally. Main causes of complaint stem from industrial processes where they adjoin residential development as well as what might be termed "neighbourhood noises".

In one particular case a considerable reduction in both noise and vibration emanating from a large refrigerator compressor was achieved by the use of flexible connections on pipe runs and by mounting the compressor on a rubber base.

#### Disinfection and Disinfestation:

Number	of	premises disinfected	39
Number	of.	domestic premises where disinfestation	
		was carried out	28
Number	of	other premises where disinfestation	
		was carried out	11
Number	of	treatments to destroy wasps' nests	63

The 40% increase in complaints of wasps' nests is directly attributable to the good summer experienced.

# Prevention of Damage by Pests Act 1949:

532 infestations in respect of rats and 161 in respect of mice were dealt with during the year. In each case visits are made until the rats or mice are exterminated. In all 1,854 visits were made.

Permanent baits are maintained at selected points on the Council's refuse tip and in other areas where reinfestations are found to arise.

A free service is provided in respect of dwelling houses, but the cost of treatment is recovered where infestations occur on business premises.

Amount of poison bait used during the year = 950 lbs.

Four Informal Notices under the provisions of Section 4 of the above Act were served on occupiers.

During the year the Department took delivery of a 5 cwt. van, which has greatly improved the efficiency of the services provided.

#### SANITARY INSPECTION OF THE AREA

During the year inspections have been as follows:-

# Public Health Acts:

Houses: initial inspections					61
Houses: revisits					58
Animals, keeping of					0
Drainage inspections and tests	3	v		6.000	140
Dirty or verminous premises		Peer			5
Ditches, streams and river				20000	7
Infectious disease					7
Moveable dwellings (other than		vans	• • • •		11
Offensive accumulations		*** 0	361.90	4	34
Port Health - ship inspections			****	IV	66
Refuse collection and disposal Workplaces			•••		12
Miscellaneous visits	••• 500	•••		)	142
Interviews			•••	****	52
Inder views		• • •		• • •	٦٢
Housing Acts:					
Houses: initial inspections					105
Houses: revisits					79
Houses in multiple occupation					16
Improvement					273
Food and Drugs Act 1955:					Lsen
Bakehouses	• • •				2
Bakers shops		• • •			4
Butchers shops					19
Dairies and milk shops				• • •	1
Fishmongers		****			1
Fried fish shops	1.104				6
Confectioners	• • •				12
Greengrocers and fruiterers	• • •	• • • •			13
Grocers	•••		***		33
Licensed premises Restaurants and cafes	• • •				19
Canteens	• • • •	130			87
Hotels (other than licensed)	05	10t 19	7000		6
Boarding and guest houses		0	el to		5 45
Old Peoples Homes		1111			12
Food stalls		33 (31	no hech	- 616	14
Delivery vehicles					1
Other food premises					11
The same of the sa	0.00	***			

LuolingA

Houseing

Factories Act 1961:	ino Litorgian	neet out a
Factories with power Factories without power Outworkers premises	17 9 7	Public Healt Houses: Inl
Visits under other Acts:		Housest rov
Offices, Shops & Railway Premises Act 1963	91	
Prevention of Damage by Pests Act 1949	1,854	Mirty or ver
Clean Air Act 1956	12	Ultenes, e-c
Caravan Sites and Control of Development Act 1960	21	
Noise Abatement Act 1960	40	
Pet Animals Act 1951	mi dida 2	
National Assistance Act 1948	2	
Agriculture (Safety, Health and Welfare Provisions) Act 1956	3	
Service Constitution of the service	once the contract	
Sampling:		
Ice-cream	16	
Milk	12	
Notices served:		
	The second second second	The state of the s
Public Health Acts -	Served	Completed
informal	Served 53	Completed 32
Public Health Acts -	53	32
Public Health Acts - formal formal	53	32 5
informal  Public Health Acts -  formal  Housing Acts - informal	53	32
informal  Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955	53 6 45	32 5 20
informal  Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &	53 6 45 2	32 5 20 0
informal  Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &  Welfare Provisions Act 1956)	53 6 45 2 48	32 5 20 0
informal  Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &  Welfare Provisions Act 1956)  Factories Act 1961	53 6 45 2	32 5 20 0
informal  Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &  Welfare Provisions Act 1956)	53 6 45 2 48	32 5 20 0
informal  Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &  Welfare Provisions Act 1956)  Factories Act 1961  Clean Air Act 1956  Offices, Shops & Railway Premises  Act 1963)	53 6 45 2 48	32 5 20 0
informal  Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &  Welfare Provisions Act 1956)  Factories Act 1961  Clean Air Act 1956  Offices, Shops & Railway Premises  Act 1963)  Caravan Sites & Control of	53 6 45 2 48 1 6	32 5 20 0 32 1 1
informal  Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &  Welfare Provisions Act 1956)  Factories Act 1961  Clean Air Act 1956  Offices, Shops & Railway Premises  Act 1963)  Caravan Sites & Control of  Development Act 1960	53 6 45 2 48 1 6	32 5 20 0 32 1 1
rormal Public Health Acts - formal Housing Acts - informal Housing Acts - statutory Food and Drugs Act 1955 Agriculture (Safety, Health & Welfare Provisions Act 1956) Factories Act 1961 Clean Air Act 1956 Offices, Shops & Railway Premises Act 1963) Caravan Sites & Control of Development Act 1960 Noise Abatement Act 1960	53 6 45 2 48 1 6	32 5 20 0 32 1 1
informal  Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &  Welfare Provisions Act 1956)  Factories Act 1961  Clean Air Act 1956  Offices, Shops & Railway Premises  Act 1963)  Caravan Sites & Control of  Development Act 1960	53 6 45 2 48 1 6	32 5 20 0 32 1 1
Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &  Welfare Provisions Act 1956)  Factories Act 1961  Clean Air Act 1956  Offices, Shops & Railway Premises  Act 1963)  Caravan Sites & Control of  Development Act 1960  Noise Abatement Act 1960  Prevention of Damage by Pests Act	53 6 45 2 48 1 6 1 16 2 6	32 5 20 0 32 1 1 1 13 2 2 2
Public Health Acts -  formal  Housing Acts - informal  Housing Acts - statutory  Food and Drugs Act 1955  Agriculture (Safety, Health &  Welfare Provisions Act 1956)  Factories Act 1961  Clean Air Act 1956  Offices, Shops & Railway Premises  Act 1963)  Caravan Sites & Control of  Development Act 1960  Noise Abatement Act 1960  Prevention of Damage by Pests Act	53 6 45 2 48 1 6	32 5 20 0 32 1 1

# Complaints:

Clean Air Act.		 	 	11
Drainage		 	 	82
Accumulations		 	 	14
Rats and Mice		 	 	130
Public Health M	atters	 	 	40
Caravans		 	 10	2
Housing Defects		 	 	59
Unsound food		 	 •••	23
Insect pests		 	 	64
Water supply		 0 . 0	 	5
Noise		 	 	25
Refuse collecti	on	 	 Owe Line	5
Wasps		 	 	63
Miscellaneous		 	 vore dol	29
Working conditi	ons	 	 Deve-	no la
Overcrowding		 	 beer quil	1
Sewage on Beach		 	 me de fily	4

### IMPROVEMENTS AND DEFECTS REMEDIED DURING THE YEAR.

The following improvements have resulted from action taken by the Public Health Department:-

#### Houses:

Housing repairs completed			24
Drains repaired or renewed			14
Drains tested			24
W.C.s repaired or improved			3
New dustbins provided			6
Offensive accumulations removed			9
Other improvements			46
Lighting improved	• • •		7
	1	N. V	739.760
Moveable Dwellings:-			
Moveable dwellings removed			3
Drainage improved			1
The state of the s			
Food Premises:			
Premises cleansed or redecorated			21
Hot water supply provided			4
Washing facilities provided or imp	proved		4-
Tables, counters etc. covered			4
Equipment, utensils etc. cleansed			8
Screens for food provided			4
Refuse disposal improved			8
Sanitary accommodation provided or	r impr	oved	4
First Aid materials provided			2
Other improvements			33
01			

# Factories:

Cleanliness improved Sanitary accommodation cleansed/repaired Lighting improved	**** for	2 2 1
Other improvements		2
Offices and Shops:		
Washing facilities provided		1
Hot water supply provided	60.000 B	3
First Aid equipment provided		1
Abstract of Act provided	diecesii	1
Ventilation improved	Meee an	2
Cleanliness improved	2000	1
Lighting provided or improved	D	4
Heating provided or improved		1
Other improvements		8
Repairs completed		3

# FACTORIES ACT 1961

AL.	Number	has bereig	Number of			
Premises	on Register	Inspections	Written Notices	The second secon		
(i) Factories in which Sections 1,2,3,4 and 6		Sevensi saoz	ratumupos atmomeyo	Other Jup		
are to be enforced by Local Authorities	4	9	povorign sasmiff ow	Moreoble 1		
(ii) Factories not included in (i) in which		. Pevoner	Santi Ion	Moveable t		
Section 7 is enforced by the Local Authorities	74	26	6	Pool Prov		
(iii) Other premises in which Section 7 is	fovbrigat	no bahtvong	a Figure	Hot water		
enforced by the Local Authority	6	4	Lien-for	Tables, o		
TOTAL	84	39	6	Rofuse di		

# 2. Cases in which defects were found:

	Number	r of case	Number of cases in		
Particulars		Owned	Refer	which prosecutions	
Purchase Order 1969 by the then Minister	Found	Remedied	THE RESERVE OF THE PROPERTY OF THE PARTY OF	By H.M. Inspector	were instituted
Want of cleanliness	10/2/ <del>-</del> 90		booms - L. voc	on the th	od househe an
Ineffective drainage of floors	o .no	disputition to	to to enke	out) de du	ndat part tao
Inadequate ventila- tion	-	-	moldaboss	sorary acor	set Sathivorg
Sanitary conveni- ences:	derick o	no 81 a	der Section	ur maxiat as	annibility to
(a) Insufficient (b) Unsuitable or	antwo I	203 513	shom errow	1	o pylony
defective (c) Not separate	5	5	-		the Departmen
for sexes Other offences	1 4	2	2	lar ects we	In all,
TOTAL	10	8	2	1	- 1

# 3. Outworkers:

Sewing and making toys . . . . . . . . . . . . . . . 16

#### SECTION E:

#### HOUS ING

# Housing Act 1957

The Littlehampton (Surrey Street) Compulsory Purchase Order 1969 was confirmed with one amendment during the year by the then Minister of Housing and Local Government. The C.P.O. related to properties contained within the Surrey Street Clearance Area and were for the most part vacant at the time of confirmation. Only one unfit property remained occupied at the end of the year although two others were providing temporary accommodation.

Action was taken under Section 18 on three occasions when parts of buildings were closed as being unfit for human habitation.

Twelve unfit houses were made fit following informal action by the Department.

In all, defects were remedied in 37 houses.

# Housing Act 1969

# Improvement Grant Scheme

In September 1969 the Chief Public Health Inspector took over the operation of the Scheme, which includes Improvement Area consideration, in response to the Government's wish that administration of Grants be centralised under an Improvements Officer.

1970 was therefore the first full year in which the Department administered the Grant Scheme and coincidentally the first full year of the revised Scheme under the 1969 Housing Act.

The comparatively generous grants under the 1969 Act brought to the public's attention by an unprecedented publicity campaign by the Department of the Environment prompted a 440% increase in grant applications during the year in Littlehampton. The summary which follows indicates the type and extent of those applications.

# IMPROVEMENT, STANDARD AND SPECIAL GRANTS - 1970

		Applicati	ons received in 1970	7
I M P R O V E M E	FOR CONVERSION	APPLICATIONS  APPROVED	1. Dwellings (a) owner occupied (b) Other (c) Owned by housing assocs. (included in (b) above) 2. Relaxed standards (inc. in 1.) (a) less than 12 point standard (b) " " 15 year life	8
	10050 105050	ebuloal) eli	3. Estimated total cost (a) Conversion (inc.fees) (b) Grant-aided repairs (c) Other works 4. Approved expense	£7829 £1883 £7719 £9712
	SE		5. Amount of grant approved	£4851
		GRANTS PAID	(a) No. of dwellings (b) Amount of grant paid	=
T	3	Application	ons received in 1970	21
G R A N T S	FOR  IMPROVE-  MENTS  APPLICATIONS  APPROVED		1. Dwellings (a) owner occupied (b) Other (c) Owned by housing assocs. (included in (b) above)  2. Relaxed standards (inc. in 1.) (a) less than 12 point standard (b) " " 15 year life  3. Estimated total cost (a) Improvements (inc.fees) (b) Grant-aided repairs (c) Other works  4. Approved expense of works  5. Amount of Grant approved	11 8 - - 1 £7707 £1916 £1201 £9402 £4700
	- 1	GRANTS PAID	(a) Dwellings (b) Amount of grant paid	£1810

Г		T	Application	ons received in 1970	33	
	ā	1. Owner of dwellings improved	The second secon	(a) Full Standard (Normal limit) (b) Full Standard (Higher limit (c) Less than Full Standard		
	APPLI- CATIONS APPROVED	2. Other do to be imp	proved	(a) Full Standard (Normal limit) (b) Full Standard (Higher limit) (c) Less than Full Standard		
S		3. Dwellings owned by Housing Associations				
T A N D		4. Dwelling in 1. or 2.		than 15 year life (included	-	
A	- Sings	5. Total ar	mount of gra	ant approved	£5050	
R D G R A T	GRANTS	1.	Number of Amount Pai	the state of the s	12 £1223	
		PAID	Number of amenities		6 8 1	
			provided	H & C at these points water at one or two points	5	
	PAID			Water closets	3	
	-	2. HIGHER	Number of	Minister Company of the Company of t	1	
	jongs.	LIMIT GRANTS		Number of bathrooms added  Number of piped water supplies  Number of drainage systems		
		3. Less that		dard (included in 1. above)	-	
	10813		Application	ons received in 1970	2	
SP E	APPLI- CATIONS	1. Owner od	cupied hous	(a) No. of Houses (b) No. of households	2 6	
CIA	APPROVED	2. Other ho	ouses	(a) No. of Houses (b) No. of households	2 4	
L		3. Houses owned by Housing Associations				
G R A	GRANTS	1. Number of 2. Number of 3. Amount I	of household	.s	1 2 £60	
NTS	PAID	4. Number of amenities	of Wash b	baths or showers	1	
		provided	Н & С	water supplied Closets	2 -	

It is estimated that between 800 and 100 dwellings in the Urban District are without one or more of the standard amenities of a bathroom complete with bath (or shower) and wash basin, a sink and a piped hot water supply, and an inside W.C. This number which represents 12% to 15% of the total housing stock will continue to be reduced by the proper use of the grants available.

At the end of the year the Department was completing the initial survey of approximately 300 dwellings in the older part of the town considered suitable for inclusion in a General Improvement Area under Part II of the Act.

#### RENT DECONTROL PROCEDURE

Before the Act came into being rents chargeable after improvement did not normally provide a sufficient return to encourage landlords to carry out improvements. Now there is some incentive to good landlords, while still holding a fair balance between landlord and tenant, as the Act introduced a procedure whereby tenants of fit houses in good repair and with all the standard amenities will move toward payment of a fair rent in stages, provided they can afford to do so. Landlords of properties which meet these qualifying conditions apply to the Local Authority for a Qualification Certificate, or a Certificate of Provisional Approval where the landlord is about to provide lacking amenities. The Certificate then enables the landlord to approach the Rent Officer with a view to obtaining ultimately, a fair rent.

In 1970, 11 Qualification Certificate Applications and 2 applications for Certificates of Provisional Approval were approved.

#### SUMMARY OF COUNCIL PROPERTIES AS AT 31st DECEMBER 1970

neas bushasts and to even no	Pre-war	Post-war	Total
Bed-sitting room flats	ad dilay at	56	56
One bedroom flats	-	43	43
Two bedroom flats	10 0/01 00	220	220
Three bedroom flats	ours. for no	149	149
Bed-sitting room bungalows	-	3	3
One bedroom bungalows	6	7 34	13
Two bedroom bungalows	15	25	40
Two bedroom houses	2	90	92
Three bedroom houses	207	354	561
Four bedroom houses	5	14	19
Five bedroom houses	3 4910	DECOMPRET PROCE	3
Other properties	67		67
other properties	oden de la	Before the Act	
	305	961	1,266
	n metan net	a Free Court Comment	

In addition to this summary, 62 properties are managed on behalf of the Greater London Council. A further 14 are due to be taken over in May, 1971.

#### Waiting List for Housing Accommodation

Total number of applicants on waiting list	
for houses at 31.12.69	366
Total number of applications received during 1969	186
Total number of families rehoused from the list during 1969	102

During 1970, 56 three bedroomed houses were completed. Under construction, and which should be largely completed during 1971, are 25 three bedroomed houses and 40 one bedroomed flats. In addition the Council are proposing to erect 49 three bedroomed houses.

The policy of encouraging tenants from cheaper accommodation to transfer to dearer properties has continued with success, thus releasing decent homes for the lower paid workers. It has been possible on several occasions during the year to persuade tenants of under occupied property to transfer to smaller accommodation, thus enabling families to be rehoused from flats.

# Private Houses

The total number of private dwellings completed since 1948 = 1,856.

#### FOOD HYGIENE

#### Inspection of Premises

293 visits were made during the year to food premises in the district.

The number of food premises in the district is as follows:-

Restaurants, Cafes	, 5	Sne	acl	1 2	Ba	rs	aı	nd	Ca	an	tee	en	S	0		70
Licensed Premises	(ir	nel	Luc	lir	ng	sl	10]	ac	)							41
Hotels and Guest Ho	ous	ses	3.	3											15	82
Grocers																30
Confectioners																26
Greengrocers																10
Butchers																9
Wet Fish Shops																2
Fried Fish Shops .													I.			3
Bakehouses																2
Ice Cream Premises																87

The number of premises registered under Section 16 of the Food and Drugs Act 1960 are as follows:-

Sale and storage of Ice Cream					3.0	87
Manufacture of Ice Cream					20	6
Manufacture of Sausages etc						
Fried Fish Shops						

The routine inspections of food premises show a considerable variation of the attention paid to food hygiene. Many traders work to standards higher than the minimum legally enforceable by the Food Hygiene Regulations, but in some cases much persuasion is necessary to obtain satisfactory standards.

Regular inspections, coupled with advice and persuasion, followed by informal notices are the methods relied on to secure compliance with the Food Hygiene Regulations and 48 informal notices were sent during the year.

All butchers and fishmongers in the District were sent copies of the Food Hygiene Codes of Practice on Hygiene in the Meat Trades and Hygiene in the Retail Fish Trade respectively for the purpose of giving advice and guidance to persons employed in those trades.

# Food and Drugs Act 1955

23 complaints were received regarding the sale of unsound food, or food containing extraneous matter. In each case a careful investigation was carried out, firstly to ascertain if the complaint was justified and then when this was confirmed, to find out whether the fault lay with the manufacturer or the retailer. In 14 instances it was decided that the complaints were not justified, or there was insufficient evidence that an offence had taken place. The Council sent warning letters regarding 6 of the complaints and took 3 prosecutions. Fines totalling £50 were imposed.

#### Milk and Dairies

There are 3 registered dairies in the district. One of these is a pasteurizing and bottling plant and as such is licensed by the Food and Drugs Authority, which is the West Sussex County Council. Frequent samples of milk and the empty bottles prior to filling are taken by the County Public Health Inspectors.

The number of distributors registered under the Milk and Dairies Regulations = 21.

Twelve samples of milk were taken from retailers. All passed the phosphatase test and the methylene blue test. One sample of milk submitted for examination for brucella was satisfactory.

#### Ice Cream Premises

There are 87 premises registered for the sale and storage of ice cream and 6 for the sale, storage and manufacture of ice cream.

During the year 14 samples of ice cream were taken and submitted to the Public Health Laboratory at Brighton: 4 samples were classified as Grade I and 10 as Grade II.

It is found that, almost without exception, the samples of wrapped ice cream from the manufacturers operating on a large scale are satisfactory.

# Inspection of Food

The following articles were inspected and found to be unfit for human consumption:-

Carcase meat 4 cwt.	98 lbs.
Offal	50 lbs.
Cooked meats and meat products	4 lbs.
Canned meats	
Other canned foods 9 cwt.	
Fish - fresh	98 lbs.
Fruit and vegetables - fresh 7 cwt.	56 lbs.
Other food 3 cwt.	104 lbs.

# METEOROLOGICAL STATISTICS FOR THE YEAR 1970 SUNSHINE AND RAINFALL STATISTICS

S		Sunshine	- 113	Rainfall		
Month	1970 hours	Average hours for 56 years	1970 mm.	Average for 56 years mm.		
January	37.9	65.0	118.1	76.5		
February	126.8	82.9	63.7	52.8		
March	129.4	138.0	46.5	46.2		
April	141.2	175.5	63.1	47.8		
May	237.1	227.1	27.1	46.7		
June	282.0	239.2	27.6	40.6		
July	214.7	220.8	41.3	52.6		
August	217.5	208.6	86.0	58.0		
September	186.8	165.1	85.4	60.0		
October	119.0	125.6	34.6	74.4		
November	51.8	74.0	209.2	87.0		
December	60.9	57.9	41.7	77.0		
TOTAL	1805.1	1779.7	844.3	719.5		
AVERAGE	150.4	148.3	70.3	59.9		

The Meteorological Office publish annually an official ranking list of sunshine recorded at 400 stations in the United Kingdom. In the 1970 list Littlehampton was placed 16th.

			No.of days		No.of day on
li li	No. of	Daily		No.of	which rain
	hours	Average			was recorded
1925	1915.2	5.25.	326	33.30	159
1926	1681.8	4.61	296	28.70	175
1927	1691.4	4.63	312	33.90	190
- 11	1945.5		311	31.50	179
1928	2068.1	5.32	316	30.04	152
1929	1868.1	5.67		31.43	183
1930		4.95	319	24.42	216
1931	1633.4	4.48	300		194
1932	1558.5	4.29	315	27.09	
1933	2062.8	5.65	318	23.08	155 166
1934	1758.5	4.82	297	28.09	182
1935	1771.8	4.85	311	36.01	182
1936	1679.9	4.59	304	28.63	The state of the s
1937	1691.6	4.63	304	33.51	176
1938	1809.7	4.96	311	24.51	183
1.939	1828.9	5.01	203	34.89	211
19/10	1876.8	5.12	309	29.46	164
1941	1641.3	4.49	296	25.06	160
1942	1647.9	4.51	294	27.03	137
1943	1818.0	4.97	294	25.21	175
1944	1665.1	4.54	296	23.54	169
1945	1672.2	4.58	301	28.72	173
1946	1692.8	4.63	297	32.11	211
1947	1812.9	4.96	287	26.74	175
1948	1873.5	5.09	299	26.22	137
1949	2041.3	5.59	319	23.83	91
1950	1738.4	4.76	303	27.79	166
1951	1819.2	4.98	294	38.22	190
1952	1864.8	5.09	314	29.02	166
1953	1813.1	4.96	300	22.55	135
1954	1583.0	4.33	292	32.05	177
1955	1903.2	5.22	305	24.39	146
1956	1726.3	4.72	304	24.92	147
1957	1866.9	5.11	306	26.49	150
1958	1626.3	4.46	299	33.31	162
1959	2146.1	5.88	312	25.08	134
1960	1658.3	4.54	292	45.00	185
1961	1911.1	5.2	310	31.86	137
1962	1805.2	4.9	307	25.61	143
1963	1708.3	4.6	277	29.07	158
1964	1743.1	4.8	247	25.59	135
1965	1725.9	4.7	311	30.68	156
1966	1687.1	4.6	296	32.87	171
1967	1882.5	5.2	310	30.14	158
1968	1656.0	4.5	282	28.11	149
1969	1780.9	4.8	284	26.50	154
1970	1805.1	4.9	305	28.31	176
					the same of the sa

# TEMPERATURE STATISTICS

Month	Highest Max. Temperature	Lowest Min. Temperature
January	49	22
February	52	25
March	53	24
April	57	28
May	73	42
June	78	42
July	76	44
August	79	42
September	71	45
October	69	36
November	60	29
December	54	23

