



SHETLAND in STATISTICS



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Shetland in Statistics



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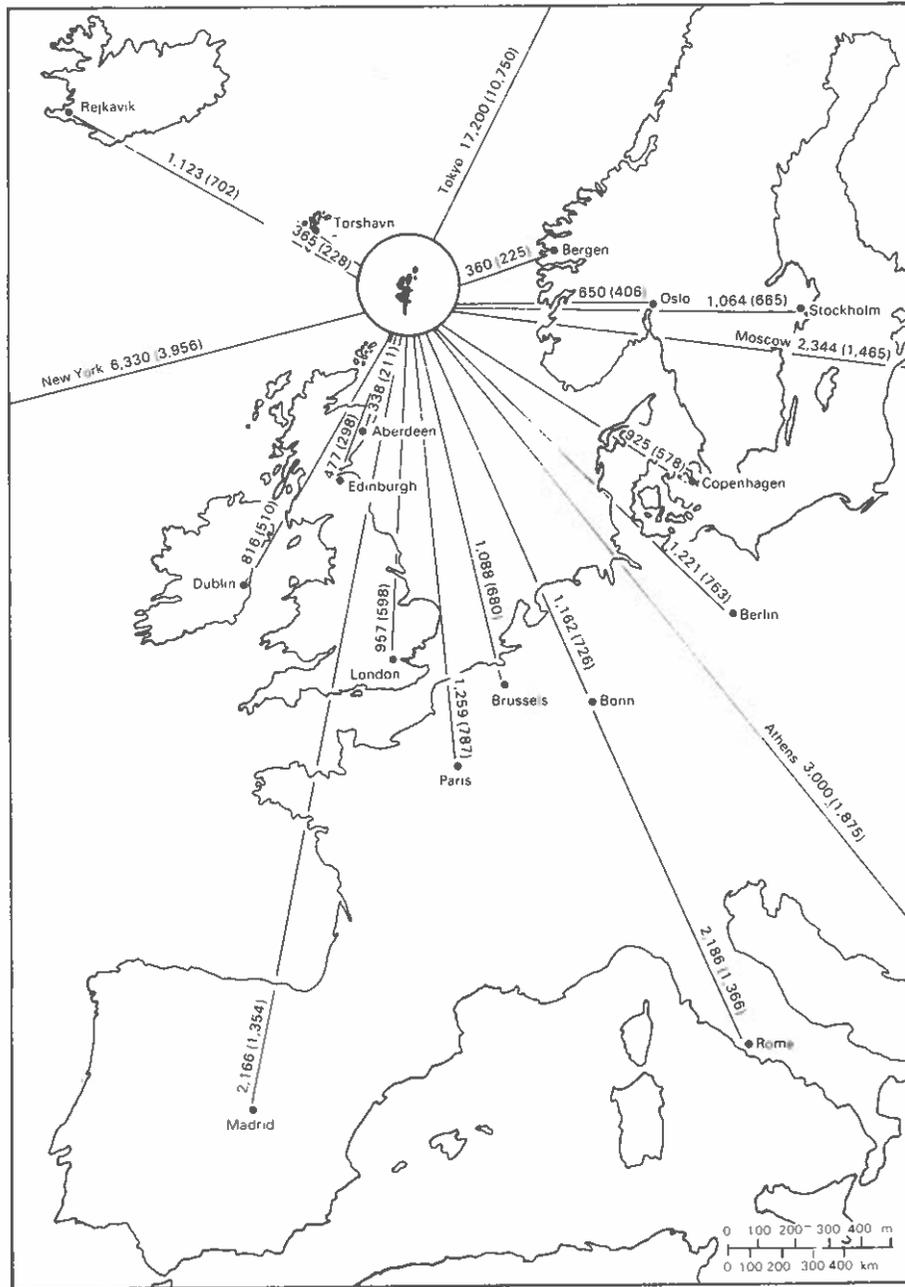
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Shetland: Location

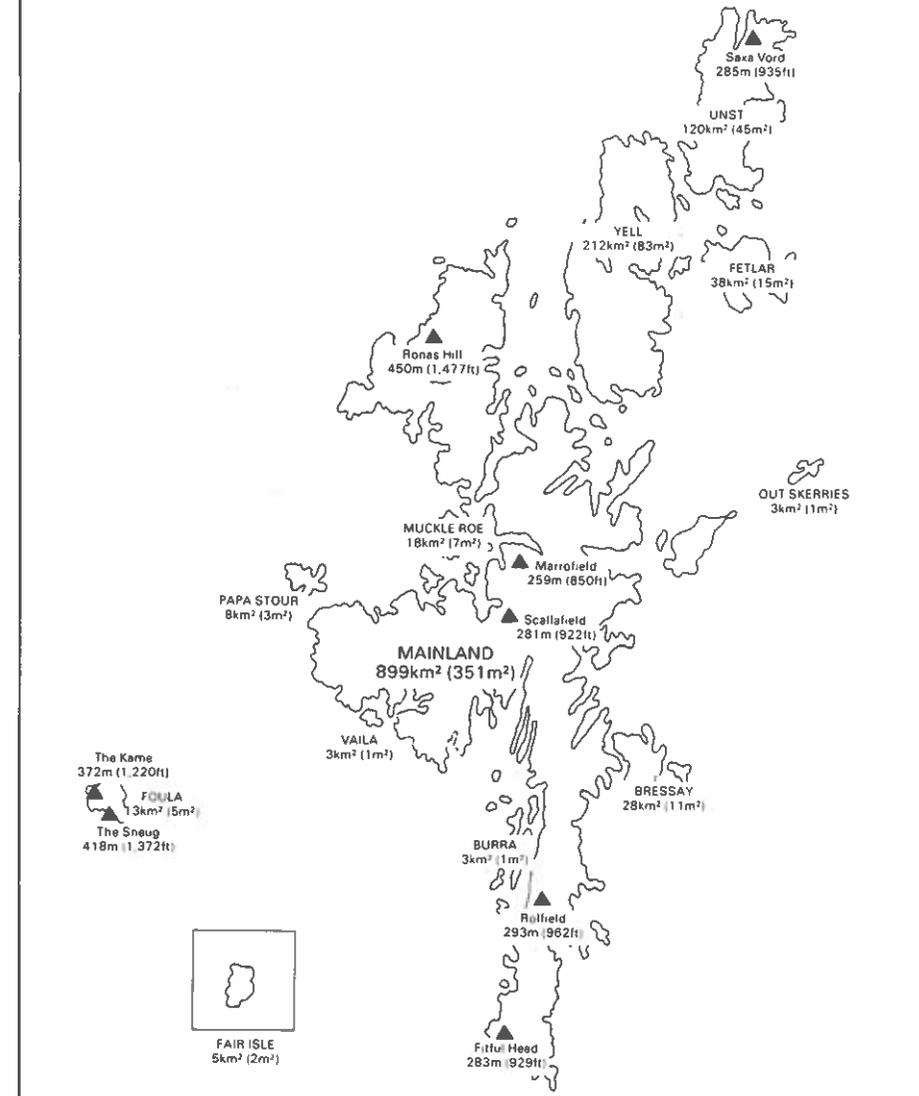
Lerwick is Lat. 60° 9' N and Long. 1° 9' W

Approximate distances from Shetland
in kilometres (statute miles)



Shetland: Physical Characteristics

Total Area of Shetland: 1,408 square kilometres (552 square miles)
 Total length of coastline: approx. 4,800 kilometres (3,000 miles)
 Number of islands: 100+
 Number of inhabited islands with bridge to Mainland: 4



Distance by road in kilometres (miles) from Lerwick

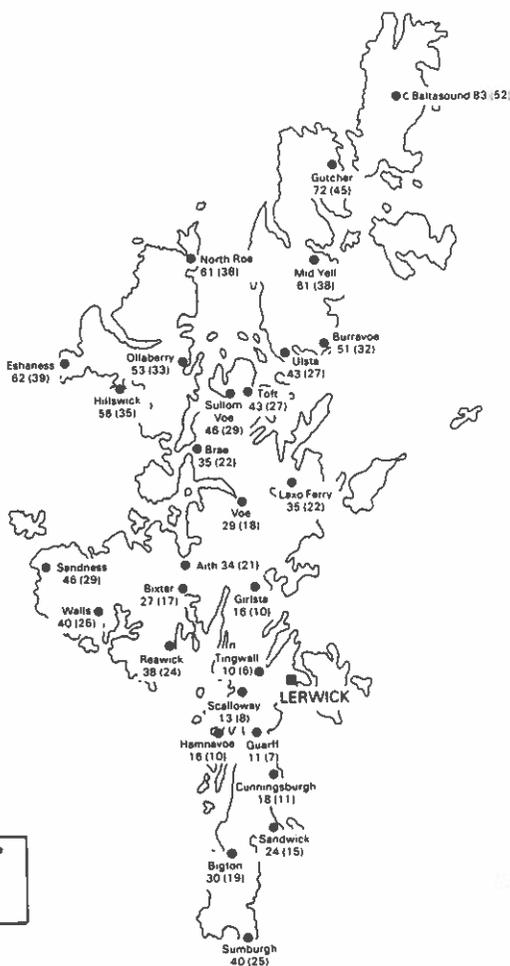
Aith	34(21)	Laxo Ferry	35(22)	Scalloway	13(8)
Bigton	30(19)	Levenwick	28(18)	Skeld	40(25)
Bixter	27(17)	Mossbank	43(27)	Sullom Voe	46(29)
Brae	35(22)	North Roe	61(38)	Sumburgh	40(25)
Cunningsburgh	18(11)	Ollaberry	53(33)	Tingwall	10(6)
Eshaness	62(39)	Quarff	11(7)	Toft Ferry	43(27)
Girista	16(10)	Quendale	38(24)	Vidlin	35(22)
Gulberwick	6(4)	Reawick	38(24)	Voe	29(18)
Hamnavoe, Burra	16(10)	Sandness	46(29)	Walls	40(25)
Hillswick	56(35)	Sandwick	24(15)	Weisdale	17(11)

Unst:

Baltasound	83(52)
Belmont	72(45)
Haroldswick	88(55)
Uyeasound	76(48)

Yell:

Burravoe	51(32)
Gutcher	72(45)
Mid Yell	61(38)
Ulsta	43(27)



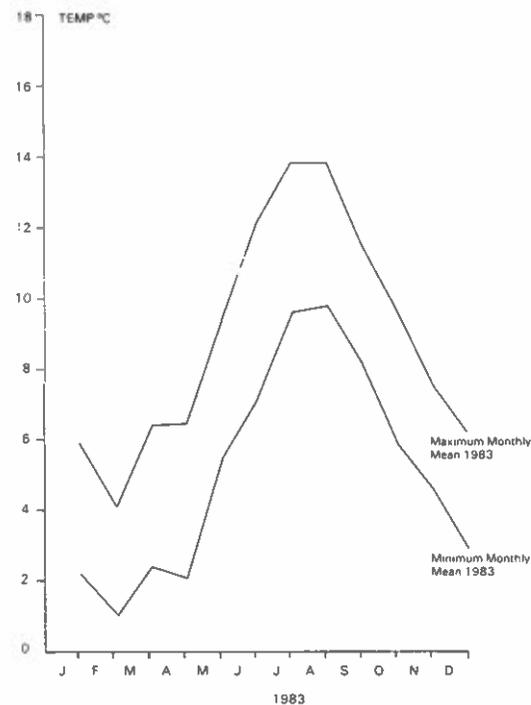
Climate

Observations are recorded in Shetland by staff employed by the Meteorological Office at Lerwick and Sumburgh.

Observations from Lerwick Observatory began in 1921, although the first full year of recordings was not until 1922. The recorded meteorological observations from Lerwick Observatory for 1983 are as follows:

Temperature (degrees C)

	1983		1941-70		Extreme daily values (1922-1983)	
	monthly mean	monthly mean	monthly mean	monthly mean	Max. (Year)	Min. (Year)
Jan	5.9	2.2	4.7	1.3	11.7 ('32, '50)	-8.9 ('52, '59)
Feb	4.1	1.0	4.7	0.9	11.7 ('45)	-7.3 ('80)
Mar	6.4	2.4	5.8	1.8	13.3 ('61)	-8.3 ('47)
Apr	6.5	2.1	7.9	2.9	16.1 ('42)	-5.7 ('68)
May	9.4	5.5	10.1	5.1	19.4 ('54)	-2.8 ('23)
Jun	12.1	7.1	12.5	7.6	23.3 ('58)	-0.6 ('24, '29, '31, '51)
Jul	13.8	9.6	14.0	9.3	22.8 ('26, '58)	3.3 ('21)
Aug	13.8	9.8	14.1	9.6	21.5 ('82)	1.7 ('21)
Sep	11.5	8.1	12.6	8.5	19.4 ('53)	-0.6 ('54)
Oct	9.6	5.8	10.2	6.7	17.2 ('55)	-3.3 ('48)
Nov	7.5	4.6	7.3	4.4	13.9 ('46)	-5.7 ('62)
Dec	6.2	2.9	5.6	2.4	12.2 ('48)	-8.3 ('61)
Year	8.9	5.1	9.1	5.0		



Number of days in 1983 with:

	Snow or Sleet	Air Frost	Thunder	Gales	Thick Fog	Rain
Jan	22 (15.0)	7 (11.0)	5 (0.3)	19 (8.5)	0 (1.8)	29 (25)
Feb	8 (13.0)	10 (12.0)	1 (0.7)	3 (5.7)	1 (2.0)	19 (21)
Mar	13 (12.0)	8 (8.8)	0 (0.3)	3 (7.4)	0 (2.6)	29 (21)
Apr	9 (6.9)	4 (5.7)	0 (0.1)	1 (2.2)	1 (5.0)	25 (20)
May	0 (2.5)	0 (1.0)	0 (0.1)	0 (1.5)	1 (6.3)	19 (17)
Jun	0 (0.0)	0 (0.1)	0 (0.3)	0 (1.3)	1 (7.7)	16 (16)
Jul	0 (0.0)	0 (0.0)	0 (0.3)	1 (0.6)	5 (6.9)	19 (17)
Aug	0 (0.0)	0 (0.0)	0 (0.3)	0 (0.5)	5 (6.9)	21 (17)
Sep	0 (0.0)	0 (0.0)	0 (0.2)	1 (2.5)	2 (6.0)	23 (20)
Oct	3 (1.1)	0 (0.6)	0 (0.3)	10 (5.5)	0 (3.6)	30 (23)
Nov	6 (7.0)	5 (4.9)	0 (0.7)	1 (5.0)	0 (0.7)	25 (25)
Dec	6 (13.0)	4 (8.8)	0 (0.3)	6 (7.8)	1 (1.6)	29 (26)
Year	67 (70.5)	38 (52.9)	6 (3.9)	45 (48.5)	17 (51.1)	284 (248)

Figures in brackets are 1956-1970 monthly mean totals.

Days of snow or sleet: snow or sleet observed at any time of day.

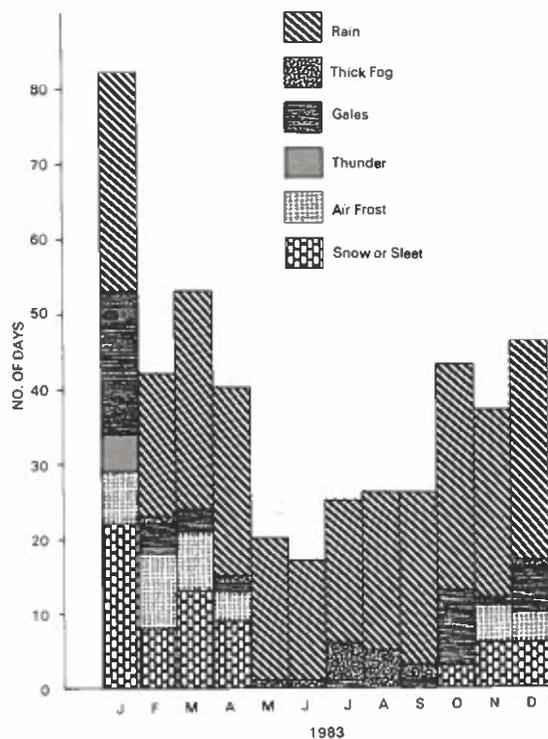
Air Frost: minimum air temperature less than 0.0 deg. C. at any time of day.

Thunder: thunder heard at any time of day.

Gales: mean wind speed greater than or equal to 34 knots for at least 10 mins.

Thick Fog: visibility less than 200 metres at any time of day.

Rain: precipitation greater than 0.2mm recorded over a 24-hour period.

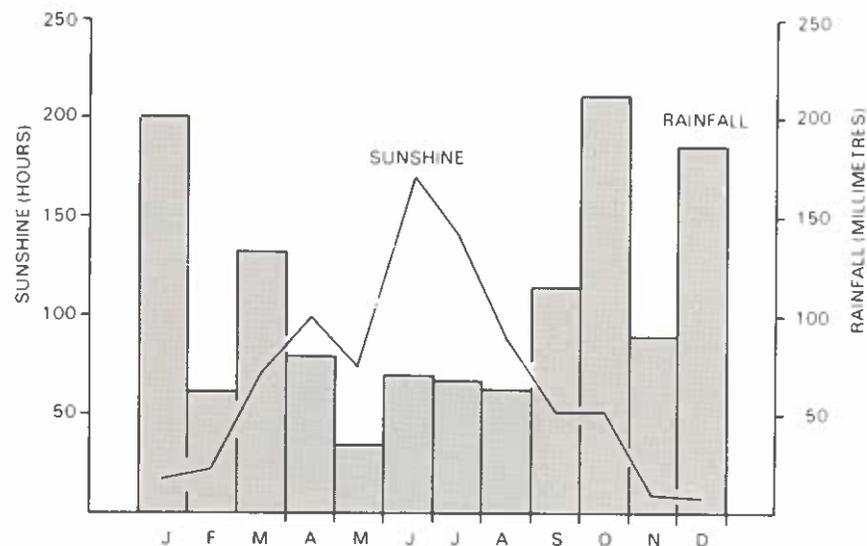


Monthly totals

	Sunshine (hours)		Rainfall (millimetres)	
	1983 totals	Extreme Daily totals	1983 totals	Extreme daily fall
Jan	18.5 (25)	6.5 ('39)	202 (128)	43 ('37)
Feb	23.2 (54)	9.8 ('40)	62 (105)	47 ('51)
Mar	70.5 (86)	11.6 ('64)	133 (93)	47 ('52)
Apr	98.6 (137)	14.8 ('26)	81 (69)	37 ('40)
May	75.2 (157)	16.2 ('40, '57, '80)	35 (64)	50 ('66)
Jun	168.1 (152)	17.4 ('34)	71 (67)	37 ('81)
Jul	138.9 (131)	16.6 ('35)	69 (68)	94 ('35)
Aug	88.5 (116)	15.1 ('28)	64 (75)	47 ('45)
Sep	51.1 (99)	13.0 ('24)	114 (109)	51 ('54)
Oct	53.5 (62)	10.1 ('37)	212 (123)	61 ('81)
Nov	10.5 (33)	6.8 ('61, '67)	90 (129)	71 ('49)
Dec	9.0 (15)	5.1 ('57)	187 (142)	45 ('51)
Year:	805.6 (1067)		1318 (1172)	

Figures in brackets are 1941-1970 averages.

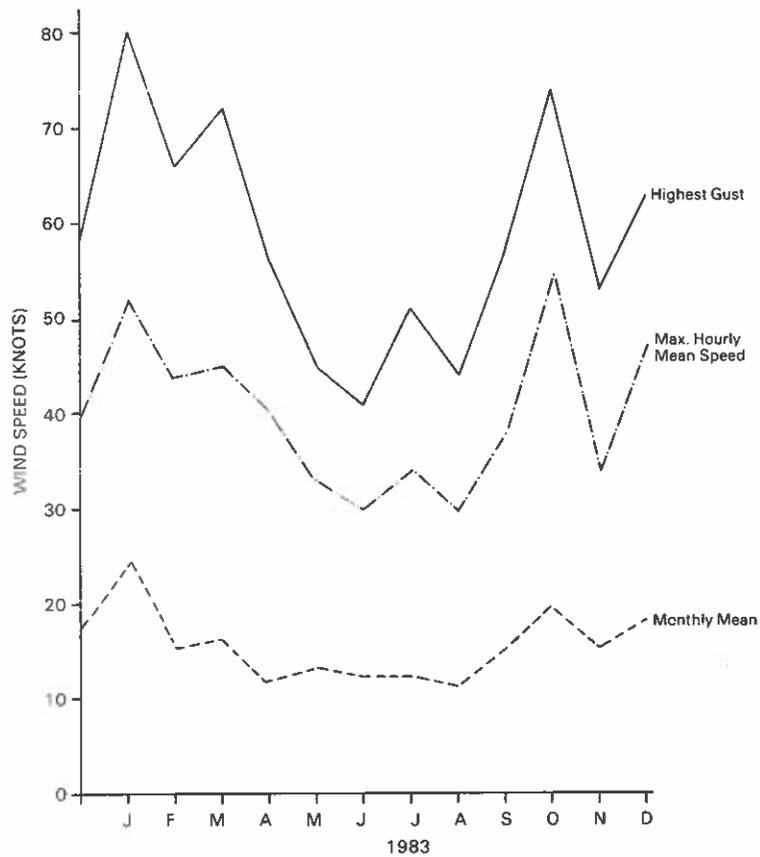
Extreme daily totals are over the years 1921-1983.



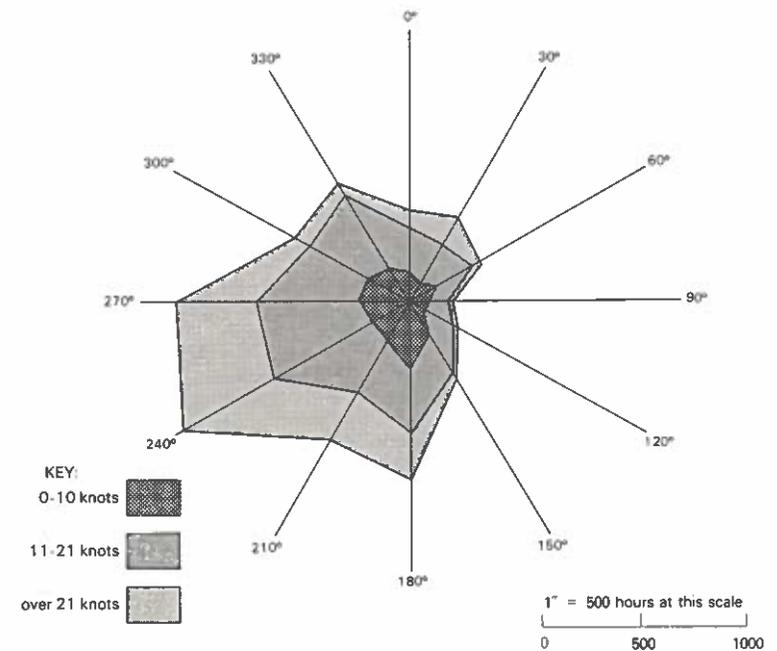
Wind Speed (knots)

	Monthly mean		Max hourly mean speed 1921-1983				Highest gust 1921-1983			
	1983	1941-1970	1983	Dir	Year	1983	Dir	Year		
Jan	24.7	(17.0)	52	(64 010° '53) (64 220° '61)		80	(95 220° '61)			
Feb	15.4	(15.9)	44	(56 230° '81) (56 220° '57)		66	(83 280° '43) (83 220° '57)			
Mar	16.4	(16.1)	45	(53 240° '67)		72	(77 240° '67)			
Apr	12.0	(14.2)	40	(55 250° '57)		56	(78 250° '57)			
May	13.2	(12.4)	33	(44 100° '82)		45	(65 100° '82)			
Jun	12.7	(11.9)	30	(42 260° '55)		41	(61 260° '55)			
Jul	12.5	(11.3)	34	(40 030° '40)		51	(61 290° '64)			
Aug	11.8	(10.9)	30	(49 240° '23)		44	(69 240° '23)			
Sep	15.4	(13.1)	38	(59 210° '78)		57	(87 270° '63)			
Oct	19.7	(15.1)	54	(58 230° '65)		74	(90 250° '80)			
Nov	15.9	(15.4)	34	(51 220° '38) (51 240° '73)		53	(80 280° '36) (80 220° '38)			
Dec	18.6	(16.8)	47	(58 240° '36)		63	(90 220° '56)			

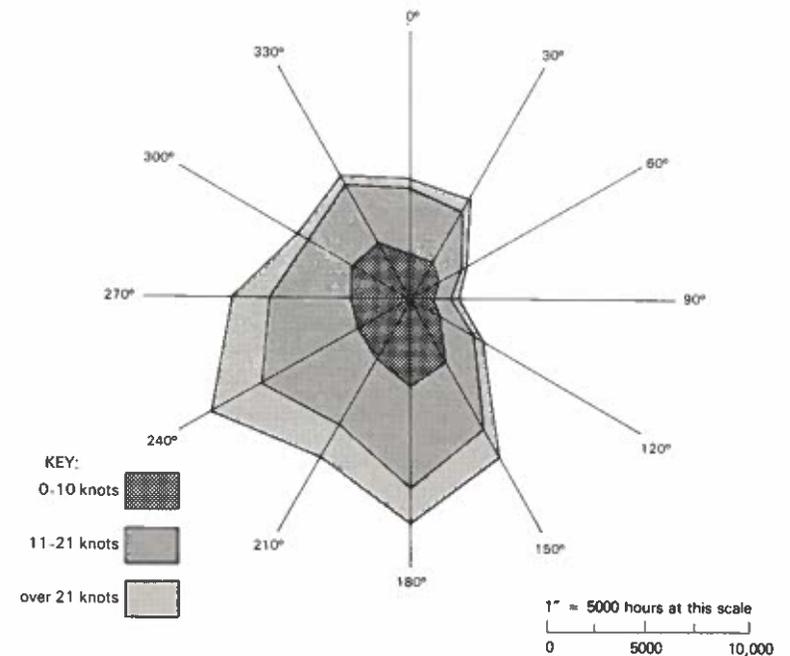
(Lerwick Observatory: 60° 08' N, 01° 11' W, 82m above sea level).



Wind Direction and Speed: 1983



Wind Direction and Speed: 1970-1980



Population

The "usually resident" population at the time of the 1981 census was 22,768. This figure does not include temporary residents, mainly construction workers at the Sullom Voe Terminal. The population present on the census night was 22,277. The Shetland Health Board estimate of population as at 31st December, 1983 (based on NHS registrations) was 22,830.

1983

In-migrants	957	Births	311
Out-migrants	1166	Deaths	268

Population of Shetland by area (June of each year):

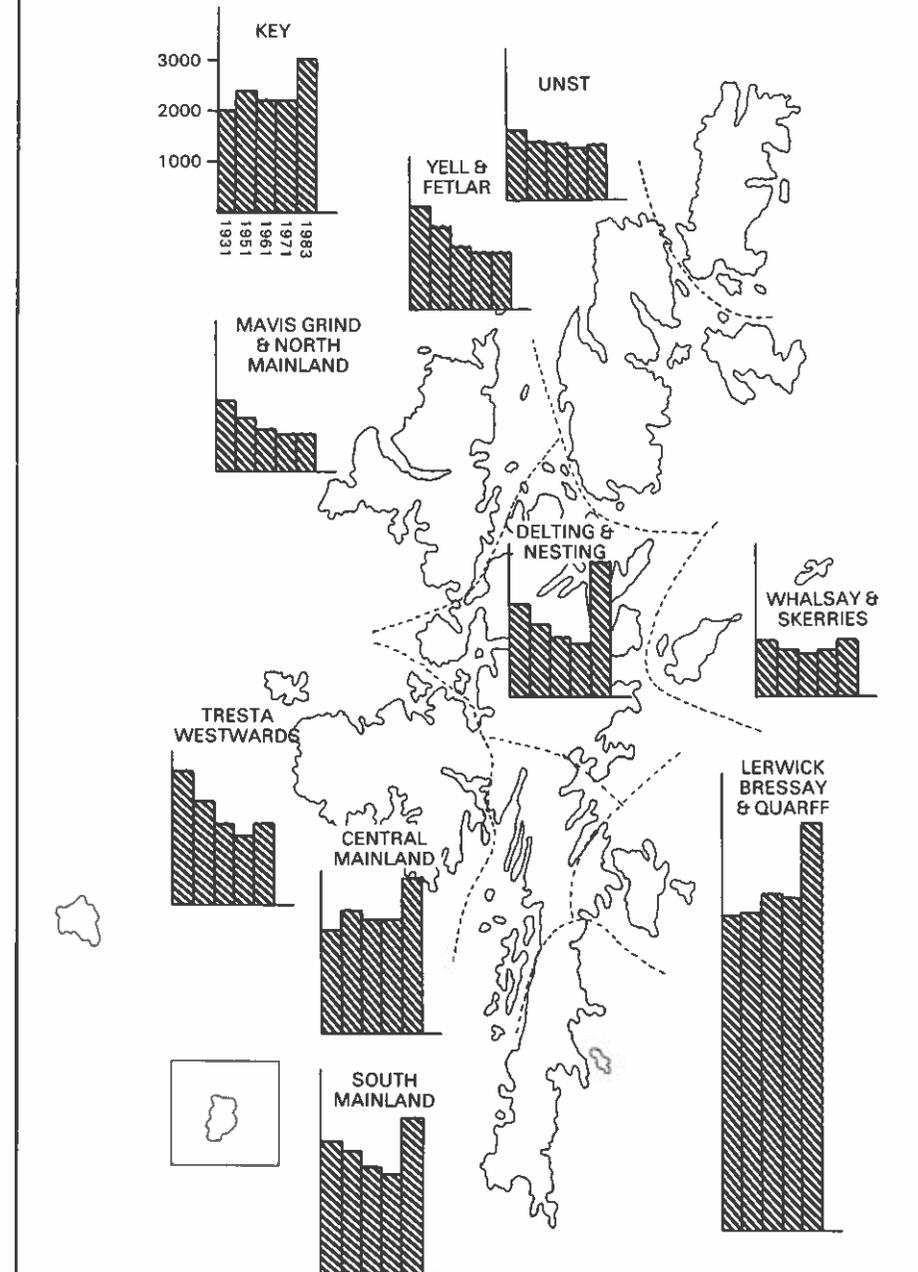
	1931	1951	1961	1971	1976	1981	1983
Unst	1341	1112	1151	1127	1056	1004	1025
Yell	1883	1483	1152	1143	1186	1213	1196
Fetlar	217	161	127	88	99	96	95
Whalsay	900	859	764	870	997	1047	1038
Skerries	110	127	108	100	93	92	93
Mavis Grind — North	1343	1054	816	696	710	748	770
Delting	958	863	701	674	1161	2755	2771
Nesting	822	563	434	380			
Tresta — Bridge of Walls	1562	1225	957	873	995	1059	1025
West of Bridge of Walls	884	687	561	483	546	592	565
Foula	118	75	54	33	36	43	52
Papa Stour	100	68	55	24	38	35	33
Whiteness/Weisdale/ Gott/Tingwall	1140	1604	1603	1671*	881	1119	1107
Scalloway	—	—	—	—	1080	1195	1140
Trondra	91	54	20	17	33	86	98
Burra	767	648	653	565	743	848	852
Lerwick	4221	5538*	5908	6127	6407	7255	7368
Bressay	452	335	269	251	294	347	337
Quarff/Gulberwick	1518	426*	385	171	225	315	339
Sandwick/Cunningsburgh	1507	1376	1172	1120	1105	1323	1249
Bigton Junction — South	1089	1021	858	848	1401	1883	1688
Fair Isle	108	73	64	65	76	75	75
Total population	21421	19352	17812	17327	19159	23130	22916

Figures in cols. 1 - 4: Population Census.

Figures in cols. 5 - 7: Shetland Health Board (estimates)

*Boundary change.

Population 1931 - 1983 by area



Population Breakdown by Age and Sex

Age Group	1971			1982		
	Males	Females	Persons	Males	Females	Persons
0-4	710	680	1390	905	903	1808
5-9	715	680	1395	892	919	1811
10-14	620	595	1215	964	947	1911
15-19	585	550	1135	940	908	1848
20-24	610	515	1125	936	864	1800
25-29	565	530	1095	1109	904	2013
30-34	505	470	975	1196	877	2073
35-39	485	465	950	1082	848	1930
40-44	475	445	920	843	624	1467
45-49	565	515	1080	670	540	1210
50-54	405	495	900	596	514	1110
55-59	530	555	1085	558	504	1062
60-64	490	610	1100	445	542	987
65-69	440	580	1020	423	515	938
70-74	345	450	795	377	508	885
75-79	205	355	560	245	427	672
80-84	120	245	365	148	267	415
85+	60	160	220	73	199	272
Total	8430	8895	17325	12412	11810	24212

1971 figures from 1971 census — (usually resident population, not including temporary residents).
1982 figures: Registrar General's estimates for 30th June, 1982.

Economic Activity in Shetland 1971-1981

	1971			1981		
	M	F	T	M	F	T
Total Population (Census)	8432	8895	17327	11437	11331	22768
Total Population 16+	6245	6825	13070	8511	8493	17004
Resident: Economically Active	4935	1890	6825	7056	3901	10957
In Employment	4645	1785	6430	6721	3743	10464
Out of Employment	290	105	395	335	158	493
% Economically Active (of 16+ population)	79.0%	27.7%	52.2%	82.9%	45.9%	64.4%

(Source: Population Census)

Employment

Employment in Shetland

	1971 (a) & (b)	1977 (b)	1981 (c)	1983 (d)
Primary	279	322	938	1092
Manufacturing	1335	1125	940	923
Construction	489	1004	906	832
Services	2885	4400	6189	5915
Self Employed	1445	1450	1452	1455
Totals	6433	8301	10425	10217

Note: These figures do not include temporary oil and oil related workforce (see table below). The largest section of the self employed are fishermen, the bulk of the remainder, tradesmen.

Construction Workforce at Sullom Voe (midyear estimates)

	1975	1977(b) Total	Shetland Residents	1980(e) Total	Shetland Residents	1982(e) Total	Shetland Residents
Construction	279	1154	130	5669	426	1733	151
Services		581	230	1383	637	423	217
Total	279	1735	360	7052	1063	2156	368

Note: 1980 was the peak year for temporary employment at Sullom Voe. 31st December, 1982 saw the completion of construction work at the terminal.

(a) 1971 Population Census.

(b) Department of Employment.

(c) Research & Development Department, Shetland Islands Council, estimate.

(d) Research & Development Department, Shetland Islands Council, survey.

(e) Joint Employment Monitoring Group.

Employment in 1983

Industrial Category	Employees	Self Employed	Total
Agriculture & Fishing	202	705	907
Quarrying & Oil	890	1	891
Primary	1092	706	1798
Food	532	26	558
Engineering	130	16	146
Textiles	178	76	254
Other Manufacturing	83	20	103
Manufacturing	923	138	1061
Construction	832	160	992

Public Utilities	95	0	95
Transport	1217	69	1286
Distribution	1247	231	1478
Finance & Business	197	2	199
Professional & Scientific	1436	29	1465
Miscellaneous Services	1130	120	1250
Public Administration	593	0	593
Services	5915	451	6366
Total	8762	1455	10217

Notes: 1. Over 20% of those in employment are part-time.

2. 37% of the workforce are female, and 47% of female jobs are part-time, compared with 8.5% of the male jobs.

Source: Survey by the Research & Development Department, Shetland Islands Council.

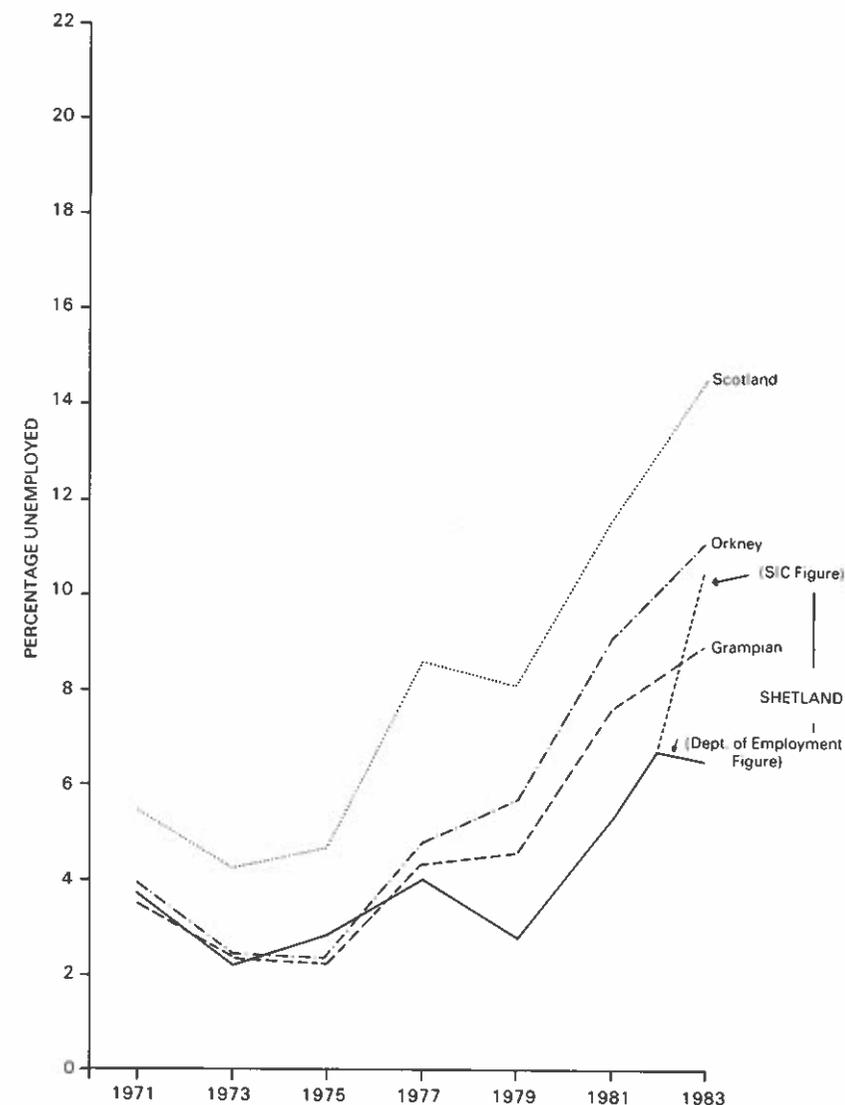
UNEMPLOYMENT:

Unemployment percentage as at June each year

	1971	1973	1975	1977	1979	1981	1982	1983
Shetland %	3.8	2.2	2.9	4.0	2.8	5.3	6.7	6.5
Actual Jan: 360	283	214	213	220	402	656	874	
Figures July: 170	135	172	289	233	457	588	729	
Orkney %	3.9	2.4	2.4	4.8	5.7	9.0	12.8	11.1
Western Isles %	18.0	12.9	14.0	14.0	11.8	20.1	21.9	19.8
Grampian %	3.7	2.4	2.3	4.3	4.6	7.6	8.5	8.5
Strathclyde %	6.7	5.2	5.6	9.8	9.8	16.1	17.7	16.9
Scotland %	5.5	4.3	4.7	8.6	8.1	13.5	17.8	14.5

Note: The official unemployment rate for Shetland as at December 1983 was 6.5% but due to the method of calculation this figure greatly under-represents the true position. Shetland Islands Council now produces its own monthly estimate which for December 1983 was 10.4%. (Further information on the method of calculating the percentage unemployed is available from the Research and Development Department, Shetland Islands Council).

Unemployment



Agriculture

	1971	1976	1981	1982	1983
Land Use: (Figures to nearest hectare)					
Tillage	1410	1221	1062	1087	1094
Grassland & Crops	8407	8766	8400	8650	8880
Rough Grazing (including common grazings)	129019	133889	133160	132688	132813
Total area rented	38130	37271	36046	35616	35511
Total area owned	28161	29566	30368	30629	31047
Number of holdings	2439	2353	2240	2244	2248
Number of common grazings	93	93	93	94	95
Area Under Crops: (Figures to nearest hectare)					
Grass (other than rough grazing) ..	6998	7545	7338	7563	7786
Barley and Oats	857	614	511	479	479
Turnips and Swedes	134	122	103	98	84
Kale and Cabbage	73	48	34	37	56
Potatoes	256	260	232	227	217
Rape	48	27	17	22	37
Other Crops	17	14	25	28	35
Livestock:					
Beef Cows and Heifers	2492	2600	1896	1766	1826
Dairy Cows and Heifers	791	679	593	649	799
Total Cattle	6945	6988	5103	4928	5289
Total Sheep	264779	284585	297558	298583	305414
Pigs	9	39	83	88	84
Poultry	12950	10286	8672	8526	8206
Registered Slaughter Houses	9	9	8	8	8
Sheep Slaughtered	8417	11440	9592	11875	15805
Cattle Slaughtered	485	136	278	361	426
Pigs Slaughtered	0	0	0	65	76
Sheep Exported	43464	49687	60542	65265	68196
Cattle Exported	1947	2660	2066	1704	1389
Ponies Exported	417	618	407	399	382
Pigs Exported	0	0	0	10	4
Wool Production (kilos)	n/a	n/a	c.212000	240000	225000
(1983 average price, including Government Support element = 113.34p/kilo)					
Milk:					
Dairy Units	23	22	23	20	20
Milk Production: (Litres)	1428975	1632150	2069550	2279362	2490594
Employment:					
Full and part-time employees	222	210	204	216	202
Full and part-time occupiers	439	509	457	460	446
Others (including occupiers less than ½ time, wives/l usbands of occupiers and casual/seasonal labour)	584	787	718	745	755

In addition, there will be some part-time employment on the statistically insignificant holdings (1,240). In 1982 this was estimated to be between 800 and 900.

In 1982-83 the value of Shetland's agricultural output was estimated to be £5.8 million, including subsidies.

Capital Improvement	1976	1981	1982	1983
Land Improvement (figures to the nearest hectare unless stated)				
Reclamation	22	16	18	55
Reseeding			23	61
Regeneration	120	283	256	494
Laying to Permanent Pasture				8
Drainage (metres)	18471m	20864m	58050m	95449m
Apportionments	183	1305	1535	941*

*Between 1st January 1983 and 31st December 1983, 92 apportionment applications were received, and 67 apportionments were granted.

Grant Aided Capital Investment

New Silos	8	1	4	7
Fanks and Dippers	4	6	9	16
New Byres	4	2	1	3
GP Sheds	6	10	8	8
Slatted Courts	2	1	1	6
Cubicle Houses	0	2	0	2
New Croft Houses	0	17	8	8
Croft House Improvements ..	n/a	3	9	6

In 1983, Shetland accounted for 17% of the total expenditure of the Crofters Commission, compared with 41% for Caithness, and 9% for Orkney.

Shetland Islands Council Charitable Trust Assistance to Shetland Agriculture

As part of the Shetland Islands Council's 10 Year Agricultural Plan, the Council's Charitable Trust operates an Agricultural Loans Scheme. The Scheme started in September 1982, and to the end of December 1983, had approved 117 Agricultural Loans for Development Projects as follows:

Type of Project	Numbers	Hectares	Metres	Gross Cost
Drainage/Ditching		63.9	217,810	£ 211,103
Fencing	1 (Cattle Grid)	14,446.5	262,243	£ 470,751
Roads			17,832	£ 98,201
Reseeding		2,282.5		£ 737,864
Buildings				£1,117,891
Machinery				£ 636,164
Livestock: Sheep	4,698			£ 154,695
Cattle	359			£ 170,755
Pigs	28			£ 3,520
Hens	1,400			£ 4,900
Land Purchased/Assigned		695.76		£ 77,780
Loan to NEF to provide				
Emergency Stockpile of Fertiliser				£ 32,000
Other				£ 1,580
Allowance for Inflation (at 10%)				£ 157,938
Total Gross Cost				£3,875,142
Financed by: Grants from D.A.F.S.				£1,527,536
Personal Contributions of 15% of Gross Cost				£ 558,635
Loans from the SIC Charitable Trust				£1,788,971

Fisheries

Fish landed in Shetland by UK vessels

	White Fish		Shell Fish		Sand Eels	
	Tonnes	£	Tonnes	£	Tonnes	£
1971	17954.18	1057691	783.11	159370	—	—
1976	13456.77	2587548	588.08	202339	18548.24	515398
1981	11443.58	3212175	695.23	328200	40731.40	1173560
1982	13381.81	4274863	846.82	466079	45575.10	1349520
1983						
Jan	550.64	249517	14.17	14278	—	—
Feb	2073.00	686519	67.63	51548	—	—
Mar	1881.23	638026	47.95	36642	—	—
Apr	1256.72	428570	87.93	71503	1985.50	59351
May	1184.97	438733	49.43	30032	6474.10	194223
Jun	1311.47	507145	—	—	8406.90	254982
Jul	1078.01	397041	104.44	58614	8310.50	258554
Aug	1101.94	377288	123.43	40260	6422.30	204460
Sep	1606.54	522960	108.81	45696	1729.40	54127
Oct	903.99	379072	293.47	28262	123.60	3708
Nov	1579.11	647517	149.91	103746	—	—
Dec	548.03	300215	37.17	26885	—	—
Total	15075.65	5572603	884.04	507466	33452.30	1029405

Included in White Fish Total

	1981		1982		1983	
	Tonnes	£	Tonnes	£	Tonnes	£
Cod	914.68	308585	1553.46	628391	2059.06	953656
Haddock	5089.04	1395658	6350.19	2086353	6313.77	2322686
Whiting	4838.79	1307991	4620.66	1284436	5965.72	1903923

Average Quay Prices per tonne

	1981	1982	1983
	£	£	£
Cod	337.37	404.51	463.15
Haddock	274.25	328.55	367.88
Whiting	270.31	277.98	319.14

Other Fish landed in Shetland

	1981		1982		1983	
	Tonnes	£	Tonnes	£	Tonnes	£
Mackerel	775.04	38623	862.02	49560	—	—
Herring	870.80	57158	39.50	6320	4655.70	643822

Total Fish landed in Shetland by UK vessels (all species)

1976	1981		1982		1983	
	Tonnes	£	Tonnes	£	Tonnes	£
49634	4219470	54567	4820653	59843	6096782	54063 7725919

Weight and Value of Catch by Method

	1981		1982		1983	
	Tonnes	£	Tonnes	£	Tonnes	£
Seine Net	6072.41	1670553	6931.19	2179042	8040.99	2862305
Industrial Trawl	40733.93	1174000	45588.91	1354231	33458.55	1031605
Light Trawl	5047.07	1456779	5923.70	1916571	5911.74	2317148
Purse Seine	1658.22	104402	39.50	6320	4655.70	643882
Single Boat trawl over 80'	—	—	—	—	538.96	181941
Single Boat trawl under 80'	—	—	—	—	6.91	3746
Two Boat trawl under 80'	—	—	—	—	560.95	205329
Scallop	—	—	—	—	—	—
Dredging	—	—	—	—	368.32	337357
Queen Escallop	—	—	—	—	—	—
Dredging	—	—	—	—	368.04	108107
Creels	—	—	—	—	146.48	62043
Hand & Small Lines	—	—	—	—	6.85	1456
Foreign Landings	—	—	—	—	64.64	19676
Total	54567.03	4820653	59843.23	6096782	54128.13	7745595

Landings by Shetland Vessels outwith Shetland, 1983

	Tonnes	£
White Fish at Aberdeen	1560.00	762347
Herring, Mackerel & Blue Whiting	40238.20	4518212
Sand Eels	3586.00	123343
Total	45384.20	5403902

Total Value of the fish caught by the Shetland Fleet in 1983: approx. £13.1 million.

Distribution of Vessel Type

	Purse Seiners	Trawlers/ Seiners over 50ft	Vessels 35-50ft	Vessels 20-35ft	Total
1971	3	38	36	59	136
1976	5	46	29	57	137
1980	10	39	26	42	119
1981	10	43	27	44	124
1982	11	43	29	43	126
1983	11	43	25	46	125

Distribution of Vessel Type by District 1983

	Purse Seiners	Trawlers/ Seiners over 50ft	Vessels 35-50ft	Vessels 20-35ft	Total
Burra	1	17	2	8	28
Whalsay	8	11	2	6	27
Yell	—	1	4	3	8
Scalloway	—	4	4	2	10
Lerwick	1	4	5	1	11
Skeld	—	1	1	2	4
Skerries	—	2	1	—	3
Northmavine	1	—	—	—	1
Other	—	3	6	24	33
Total	11	43	25	46	125

Fish Processing

Eight firms with 14 separate factories are engaged in fish processing in Shetland.

There are 11 white fish processing lines, one herring line, two fish meal plants and two shellfish processing lines.

Turnover was estimated to be £12.7 million in 1982-83*.

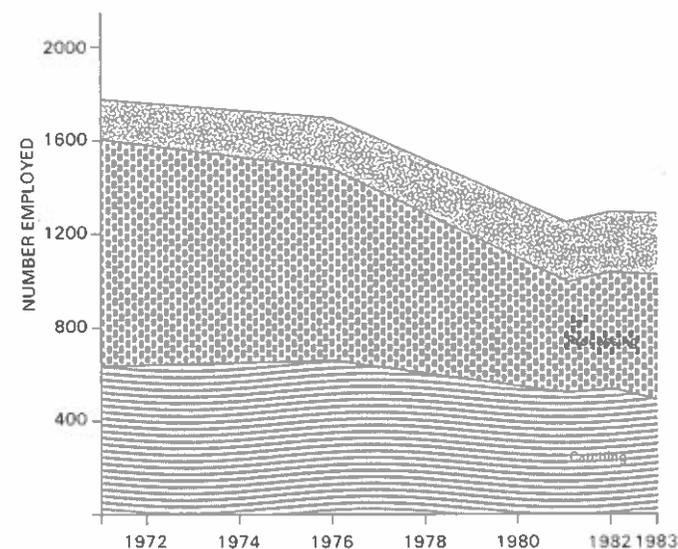
*McNicoll, I. H., Survey of the Shetland Economy, 1982-1983. (Publication date: July, 1984).

Employment in the Shetland Fishing Industry

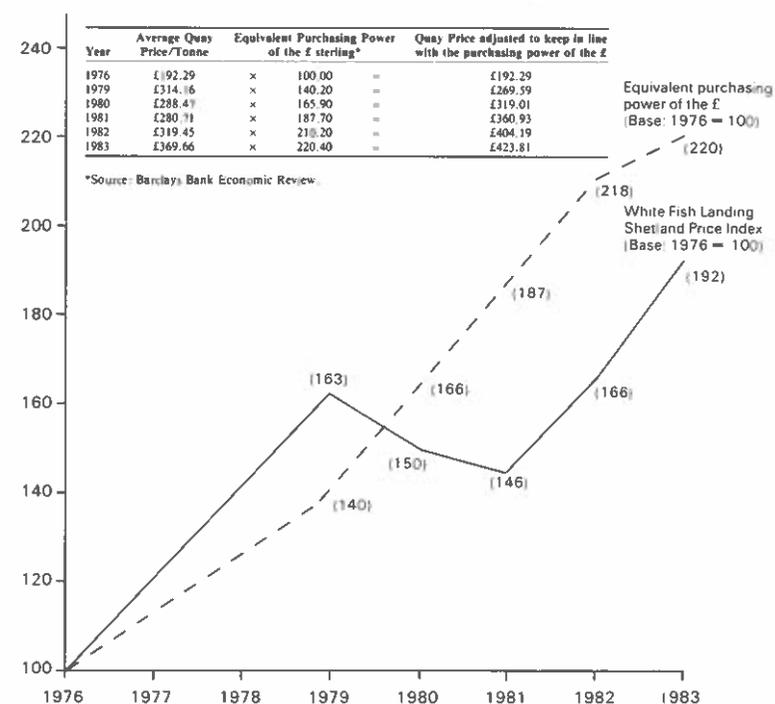
	1971	1976	1981	1982	1983
Catching	636	652	542	572	515
Processing	967	833	480	469	516
Ancillary	171	225	243	256	244
Total	1781	1710	1265	1297	1275

(Source: D.A.F.S.)

Employment: Shetland Fishing Industry



Landing Prices of White Fish in Shetland



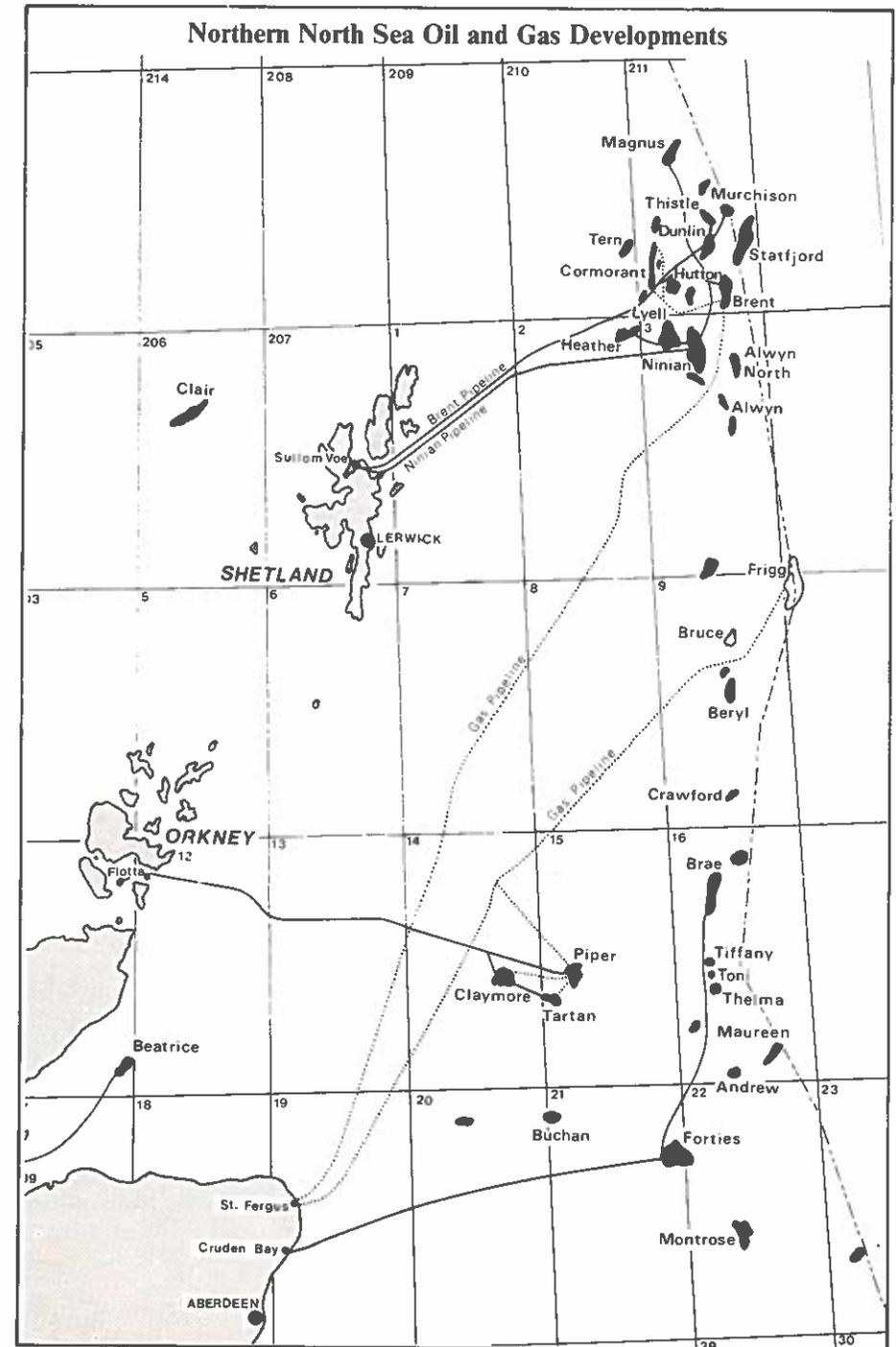
Oil

Exploration and Development:

- 1970 June The exploration phase for oil and gas offshore Shetland was initiated by the Department of Energy when the first Licence Blocks were allocated to interested companies.
- 1971 July Exploration activity began in earnest, with supply and helicopter services being established in Shetland to support offshore activities.
- 1975 The development phase began with the laying of the main Brent and Ninian pipeline systems, and the floatout of the production platforms; one for the Beryl Field, and one for the Brent Field.
- 1976 May The main Ninian pipeline was completed.
June The main Brent pipeline was completed.
- 1978 Nov 25 The first oil was piped to Sullom Voe through the Brent pipeline system from the Dunlin Field, 160 km. (100 miles) north of Shetland.
Nov 30 The first oil was shipped from Sullom Voe by the Shell tanker Donovanina.
Dec 31 The first oil arrived through the Ninian pipeline system at Sullom Voe from the Heather Field.
- 1982 April 15 The first fractionation of gas at Sullom Voe Terminal.
May 17 The first shipment of Liquefied Petroleum Gas (LPG) from Sullom Voe on the gas carrier Hesperus.
Dec 23 Sullom Voe Terminal receives its one billionth (1,000 million) barrel of oil.
Dec Lerwick Harbour handles a record tonnage of over one million tonnes in 1982.

1983 Highlights

- February Capper-Neil International awarded the contract for long term maintenance at Sullom Voe Terminal.
- April North West Hutton (211/27), the 21st British North Sea oil field, brought on stream, adding 38,000 barrels per day to the flow through the Brent pipeline.
- June The world's most advanced underwater production system, the U.M.C. (Underwater Manifold Centre) comes into operation on Shell-Esso's Cormorant field.
- July Completion of the spur boom project gives Sullom Voe protection against marine pollution unequalled in Europe.
- August The first oil from the Magnus field (211/12a). The most northerly platform in British waters.
- September The Magnus field officially inaugurated by the Prime Minister, the Rt. Hon. Margaret Thatcher MP, on 14th September.
- November A new production record at Sullom Voe Terminal on 20th November, when 1,379,778 barrels of oil are handled in 24 hours.
Britoil names the Deveron field (211/18a).



1983 Development Position in Shetland Waters

1. Fields in Production

Name of Field	Operator	Date Field on Stream
Beryl A	Mobil	1976
Brent (B)	Shell	1976
Frigg (gas)	Total	1977
Dunlin	Shell	1978
Heather (N)	Union	1978
Ninian (N)	Chevron	1978
Thistle (B)	Britoil	1978
South Cormorant (B)	Shell	1979
Statfjord	Conoco	1979
Murchison (B)	Conoco	1980
North Cormorant (B)	Shell	1982
North West Hutton	Amoco	1983 April
Magnus	BP	1983 August

2. Fields Under Development

Name of Field	Operator	Estimated Date on Stream
Beryl B	Mobil	1984
Hutton	Conoco	1985
Alwyn North	Total	1987

(B) = part of Brent pipeline to Sullom Voe.

(N) = part of Ninian pipeline to Sullom Voe.

Onshore Facilities

Onshore facilities fall into the following categories:

1. An oil and gas terminal and harbour at Sullom Voe for the storage, treatment and exporting of oil and associated gas from the Brent and Ninian pipeline systems.
2. Marine Service Bases.
3. Air Services.

1. The Oil Terminal & Harbour

The terminal is situated at Calback Ness on a site of approximately 400 hectares (1,000 acres) on the shores of Sullom Voe, 46 km (29 miles) north of Lerwick. It is Europe's largest oil and liquefied gas terminal and will handle over half the UK's oil production during the 1980s. BP Petroleum Development Ltd. operates the terminal on behalf of the twenty-seven companies participating in the Brent and Ninian pipeline groups. Construction of the facilities began in February 1975 and final construction and commissioning was completed in December 1982. The now fully operational terminal has a throughput capacity of 1.41 million barrels of crude oil per day (70 million metric tons per year).

Brent Pipeline System: throughput of oil

	1979	1980	1981	1982	1983
Barrels	77,552,205	126,060,376	174,504,301	223,978,460	273,744,800
Metric tons	10,367,579	16,773,845	23,116,490	29,616,146	36,224,680
Av. Daily Production in					
(a) Barrels	212,472	344,591	478,094	613,640	749,986
(b) Metric tons*	28,404	45,956	63,333	79,860	97,400

Ninian Pipeline System: throughput of oil

	1979	1980	1981	1982	1983
Barrels	63,665,158	89,808,256	115,735,451	124,532,068	123,365,814
Metric tons	8,555,865	12,066,455	15,545,240	16,701,562	16,548,268
Av. Daily Production in					
(a) Barrels	174,425	245,378	317,083	341,183	337,988
(b) Metric Tons*	23,441	33,059	42,590	45,511	45,065

Harbour Operations

These are controlled by the Shetland Islands Council from a £1 million Port Administration Building and Communications Centre at Sella Ness.

Sullom Voe Port Operations

	1979	1980	1981	1982	1983
Imports (tonnes)	278,971	211,455	99,458	38,535	32
Exports (tonnes)	19,886,778	28,426,115	39,893,552	46,355,957	54,432,215

Tanker Operations

(a) Crude Oil

	1979	1980	1981	1982	1983
No. of tankers loaded	270	341	432	536	586
Total oil exported (metric tons)	18,863,617	28,411,946	39,083,666	45,760,567	53,220,183

(b) LPG

	1982	1983
No. of Gas Carriers	55	111
Total LPG shipped: Propane (tons)	351,694	700,810
Butane	243,696	510,942

Notes:

- *Approximate Figure.
- In some cases the figures for the Brent and Ninian Pipeline Systems and for the Tanker Operations for the years prior to 1983 differ from those published in Shetland in Statistics No. 12. The revised figures printed above were provided by BP Petroleum Development Ltd. in February 1984, and should be regarded as the more accurate figures.
- Conversions for Crude Oil (approximate):
 - 1 American Barrel = 159 litres
 - Crude Oil has a Specific Gravity which varies between 0.80 and 0.97. At an S.G. of 0.80 there are approximately 8 barrels to the tonne, and approximately 6.6 barrels to the tonne at an S.G. of 0.97.

World Wide Crude Oil Production 1983

Country	'000 metric tons	% of World Total Production
1. (1) USSR	618,000	22.4
2. (2) USA	486,700	17.7
3. (3) Saudi Arabia	246,000	8.9
4. (4) Mexico	149,000	5.4
5. (5) Iran	124,000	4.5
6. UK	114,500	4.2*
7. (6) China	105,000	3.8
8. (7) Venezuela	97,500	3.5
9. (8) Canada	76,500	2.8
10. (9) Indonesia	63,000	2.3
(10) UK excluding Shetland	61,500	2.3*
11. (11) Nigeria	60,000	2.2
12. (12) Kuwait	55,000	2.0
(13) Shetland	53,000	1.9*
13. (14) Libya	52,000	1.9
14. (15) Iraq	46,000	1.7

Source: Institute of Petroleum, London.

*Shetland Production Figures are included in the UK figures. The placing in parentheses (13) shows Shetland's "World League Position" if separate figures are used for Shetland and the UK excluding Shetland.

Permanent Terminal Workforce (Mid Year estimates)

	1978	% local	1980	% local	1981	% local
SIC Ports & Harbours	32	(66)	84	(62)	92	(63)
Shetland Towage	25	(80)	80	(87)	86	(88)
BP	113	(31)	354	(38)	407	(48)
Sub-contractors	n/a	—	215	(40)	336	(41)
Total Employees	170	(43)	733	(47)	921	(50)

	1982	% local	1983	% local	1984*	% local
SIC Ports & Harbours	90	(74)	91	(76)	96	(71)
Shetland Towage	92	(85)	93	(85)	91	(93)
BP	406	(50)	414	(54)	413	(54)
Sub-contractors	460	(37)	642	(46)	618	(54)
Total Employees	1048	(49)	1240	(54)	1218	(58)

Source: Joint Employment Monitoring Group.

*Estimate January 1984.

2. Marine Service Bases in Lerwick

Base	Acres in Hectares (Acres)	Berths Operational
BP Petroleum Development Ltd.	1.91 (4.25)	2
OIL (Shetland) Ltd. (Greenhead Base)	16.20 (40.00)	9
OIL (Shetland) Ltd. (Point of Scatland Base)	5.67 (14.00) + 5 hectares (12 acres) on option for open storage	3
Shell UK Exploration & Production Ltd.	4.05 (10.00)	2

Berthage for one supply vessel is available at Scalloway and Baltasound harbours.

Marine Service Employment (Mid Year estimates)

	1972	1976	1981	1982	1983	1984*
	21	185	391	327	316	271

Source Joint Employment Monitoring Group

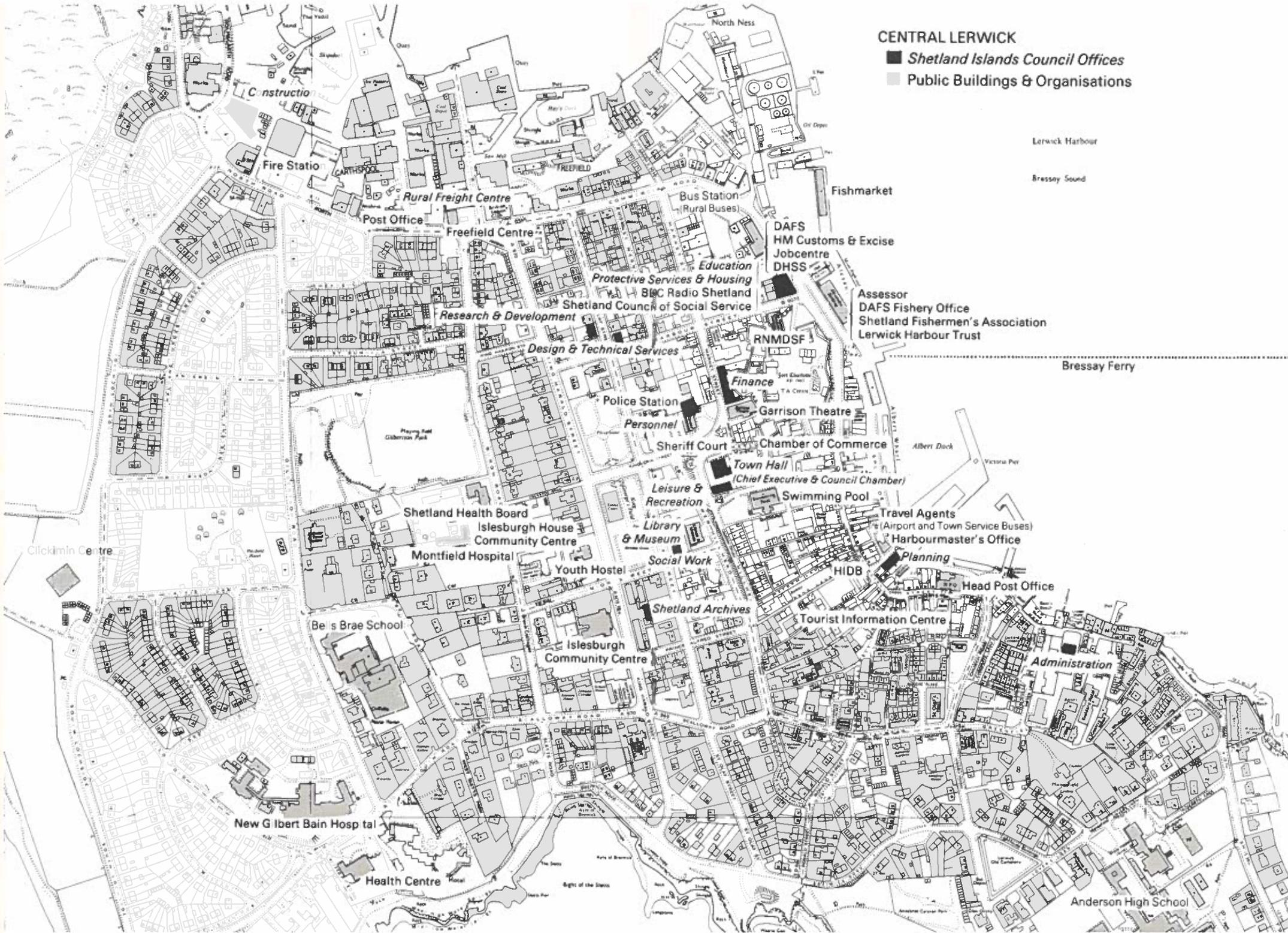
*Estimate February 1984.

3. For Air Service details see the Transport Statistics on page 37.**4. Output Values, 1982-1983:**

Total Operating Receipts of Shetland oil firms were in the range of £145 to £170 million. This figure does not include the value of crude oil passing through Sullom Voe, nor the value of equipment and materials transhipped offshore. A high proportion of the revenue was spent on imports or remitted outwith the islands in the form of wages, profit, interest, etc.

CENTRAL LERWICK

- *Shetland Islands Council Offices*
- Public Buildings & Organisations



Lerwick Harbour

Bressay Sound

Fishmarket

Fire Station

Post Office

Rural Freight Centre

Freefield Centre

Bus Station
(Rural Buses)

Protective Services & Housing

BMC Radio Shetland

Shetland Council of Social Service

Research & Development

Design & Technical Services

DAFS
HM Customs & Excise
Jobcentre
DHSS

Assessor
DAFS Fishery Office
Shetland Fishermen's Association
Lerwick Harbour Trust

Bressay Ferry

Finance

Police Station

Garrison Theatre

Personnel

Chamber of Commerce

Sheriff Court

Town Hall
(Chief Executive & Council Chamber)

Leisure & Recreation

Swimming Pool

Library & Museum

Travel Agents
(Airport and Town Service Buses)
Harbourmaster's Office

Social Work

Planning

Shetland Health Board

Islesburgh House
Community Centre

Montfield Hospital

Youth Hostel

Shetland Archives

Tourist Information Centre

Administration

Clickimin Centre

Beis Brae School

Islesburgh
Community Centre

New Gilbert Bain Hospital

Health Centre

Anderson High School

Crafts

Shetland has a long tradition of producing high quality craft goods. The main products apart from knitwear are tweed, sheepskins, jewellery (using local stone and designs) and silverwork, pottery, woodwork, tapestry, printed goods and cast figurines.

Excluding knitwear, these crafts provided regular employment for around 55 people in 1983 in over 20 businesses, as well as an additional number on a more seasonal basis. There are also approximately 40 people employed in the printing industry. While the total number of people employed is not high, many of the businesses are located well outside Lerwick and provide a valuable source of income in the rural areas. The value of output (sales) in 1982-1983 was estimated to be c.£500,000.

Industrial Sites

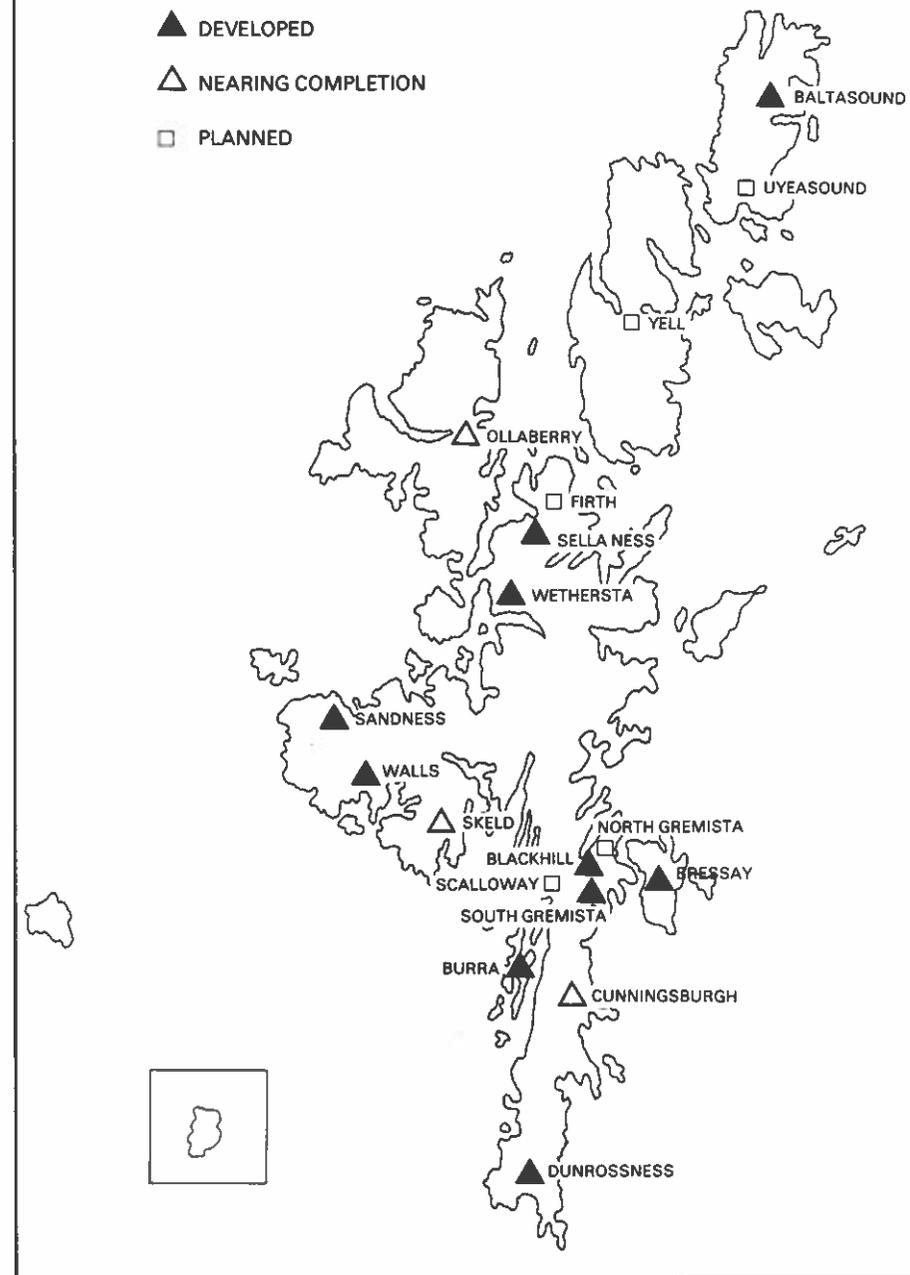
Ten serviced sites and estates have been developed in Shetland, three are nearing completion, and five more are planned for future years.

Industrial Site	Developer	Area in hectares (acres)
Developed:		
Baltasound	SIC	0.90 (2.24)
Black Hill, Lerwick	LHT/BP	1.86 (4.60)
Bressay	SIC	0.30 (0.74)
Burra	SIC	1.00 (2.47)
Dunrossness	SIC	0.90 (2.24)
South Gremista, Lerwick	SIC	5.45 (13.47)
Sandness	SIC	0.60 (1.48)
Sella Ness	SIC	8.87 (21.91)
Walls	SIC	0.60 (1.48)
Wethersta	SIC	0.31 (0.77)
Nearing Completion:		
Cunningsburgh	SIC	1.05 (2.60)
Ollaberry	SIC	1.13 (2.80)
Skeld	SIC	0.88 (2.17)
Planned:		
Firth	SIC	4.10 (10.13)
North Gremista, Lerwick	SIC	2.55 (6.30)
Scalloway	SIC	1.61 (3.98)
Uyeasound	SIC	0.34 (0.84)
Yell	SIC	0.52 (1.28)

SIC = Shetland Islands Council
 LHT = Lerwick Harbour Trust
 BP = BP Petroleum Development Ltd.

Industrial Sites

- ▲ DEVELOPED
- △ NEARING COMPLETION
- PLANNED



Tourism

Accommodation capacity available to Shetland Tourist Organisation by bed spaces:

Type of Accommodation	1976	1981	1982	1983	1984
Lerwick Hotels	149	231	227	244	374
Country Hotels	292	342	350	347	318
Lerwick Guest Houses*	—	—	—	—	29
Country Guest Houses*	—	—	—	—	112
Lerwick B&Bs	206	103	108	78	63
Country B&Bs	154	203	234	131	46
Self Catering, Cottages, etc.	169	271	247	250	230
Caravans	106	104	115	46	25
Hostels	76	81	56	76	76
Total	1152	1335	1337	1174	1273

*New category, introduced 1984.

Bed Occupancy Rate in Shetland by Accommodation Category

(Seasonal Average)	1976	1980	1981	1982	1983
Hotels & Guest Houses	49%	87%	29%	39%	55%
Self Catering, Cottages, etc.	—	93%	94%	91%	—
Bed & Breakfast	—	—	—	75%	—
Hostels	—	—	—	80%	—
Caravans	—	—	—	80%	—

Hotel Bed Occupancy Rate in Shetland by Month 1983 (1982)

Occupancy Rate %							
April	May	June	July	August	Sept.	October	Seasonal Average
43 (37)	46 (34)	59 (40)	46 (44)	68 (44)	55 (42)	17 (31)	48 (39)

Employment in Tourism in Shetland

	1971	1978	1981	1983
Hotels & Guest Houses	113	161	233	292
B&B Accommodation	—	—	—	40*
Self Catering, Cottages, etc.	—	—	—	63*
Total	—	—	—	395

*Mostly Part-Time Employment

P&O Ferries Mini Cruise Passengers

1976	1978	1981	1982	1983
1390	4761	3964	2389	2108

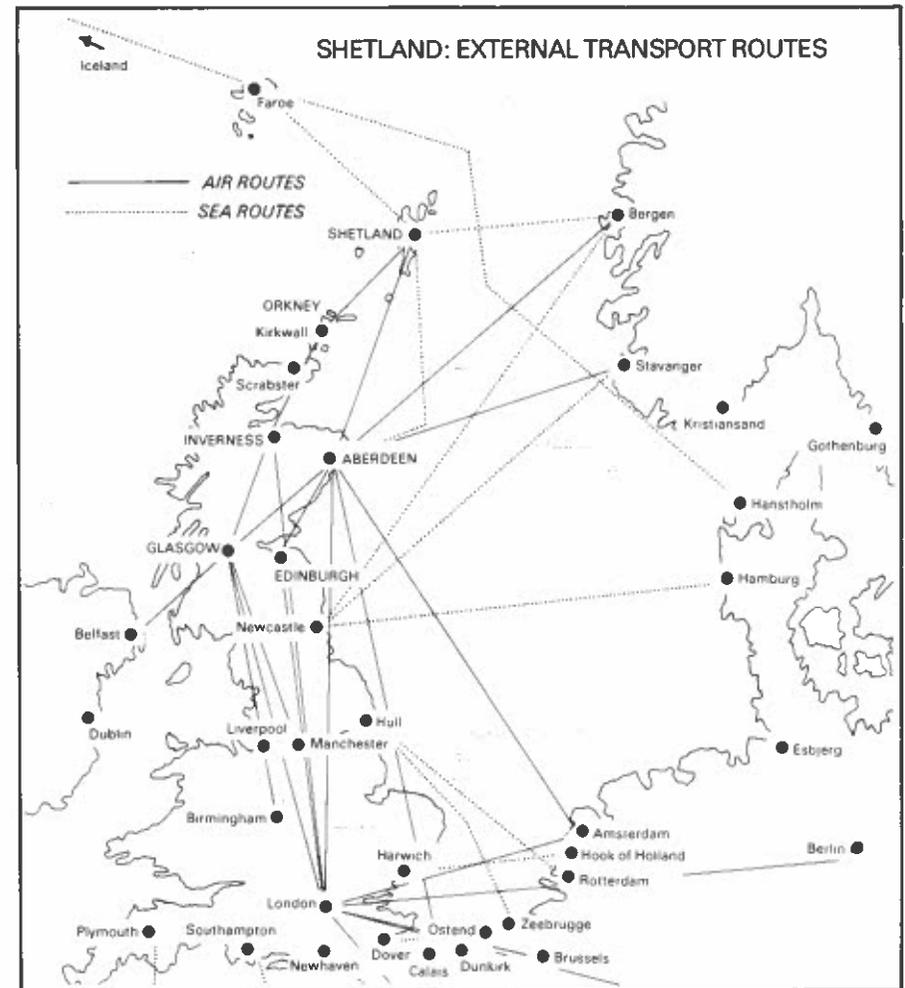
Cruise Liner Passengers

1977	1980	1981	1982	1983
2152	7540	3564	4900	4020

Total Visitor Expenditure in Shetland, 1982-1983

Holidaymakers	: £1.0 million
Business Visitors	: £2.6 million
Total	: £3.6 million

These figures include accommodation and any goods and services purchased while in Shetland. (McNicoll, I. H., Survey of the Shetland Economy, 1982-1983).



Inter Island Ferries

Shetland Islands Council Ferry Traffic

Passengers

Ferry Route	1976	1981	1982	1983
Yell	62626	109755	93704	71192
Unst/Fetlar	33460	44570	41089	39669
Bressay	71615	92454	109279	104342
Whalsay	23110	42631	44617	40,985

Vehicles

Ferry Route	1976	1981	1982	1983
Yell	33333	50310	55326	57134
Unst/Fetlar	16920	22897	29175	28527
Bressay	14817	23414	29911	30,381
Whalsay	10117	19330	21048	25897

External Ferries

P&O Ferries Services

Passengers and Accompanied Cars

	Passenger Journeys	Accompanied Car Journeys
1977	41488	5164
1980	57440	8628
1981	52531	8398
1982	53546	8328
1983		
January	2052	338
February	1088	221
March	2358	454
April	4658	653
May	4193	579
June	7652	913
July	10503	1552
August	9980	1466
September	5909	735
October	4423	836
November	2141	403
December	2408	392
Total	57365	8542

Note:

Each passenger and car journey is counted as one way (Aberdeen to Lerwick or Lerwick to Aberdeen).

Freight

	1978	1981	1982	1983
Commercial Vehicles	3566	24327*	24077*	18,157*
Commercial Trailers	2129	26959*	38055*	34627*
Unaccompanied Cars	1153	3941*	4534*	5218*

* = Running metres

Shipping in Lerwick Harbour

	1971	1976	1981	1982	1983
General	316	470	418	459	451
HM Ships	41	33	62	42	60
Oil	51	99	140	128	106
Oil Rig Tenders	79	1679	1556	1601	1300
Other Vessels	448	736	480	635	582
British Fishing	1440	893	677	698	722
Foreign Fishing	1580	1357	246	265	329
Total All Shipping	3955	5627	3579	3827	3550

Foreign Fishing Vessels

	1971	1976	1981	1982	1983
Denmark	374	416	117	131	115
Faroe	242	203	14	15	21
Finland	6	7	—	—	—
France	16	11	13	14	22
Germany	3	4	1	—	—
Germany (East)	—	—	—	—	18
Iceland	215	86	2	1	—
Netherlands	12	13	—	—	8
Norway	551	524	96	103	143
Poland	1	37	2	—	—
Sweden	100	43	1	1	1
USSR	60	13	—	—	1
Total	1560	1357	246	265	329

Total Tonnage Handled in Lerwick Harbour (weight of containers excluded)

	1971	1976	1981	1982	1983
General Cargo Imports	45760	147762	200077	233438	271197
General Cargo Exports	48849	31997	57471	62196	47959
Oil Related Imports	342	161454	288999	305767	220971
Oil Related Exports	—	317884	421807	469202	458575
Total	94951	659097	968354	1070603	998702

Lerwick Harbour Trust Revenue

	1971	1976	1981	1982	1983
£49,000	£975,000	£2,100,000	£2,470,000	£2,600,000	

Air Services

1983 saw a continuing decline in passengers and aircraft movements throughout Shetland. At Scatsta Airport this can be attributed to the completion of the construction phase at the Sullom Voe Terminal. Tingwall and Unst traffic remained relatively static. There was, however, a further decrease in oil related traffic using Sumburgh Airport

Total aircraft traffic at Sumburgh, Scatsta, Unst and Tingwall*

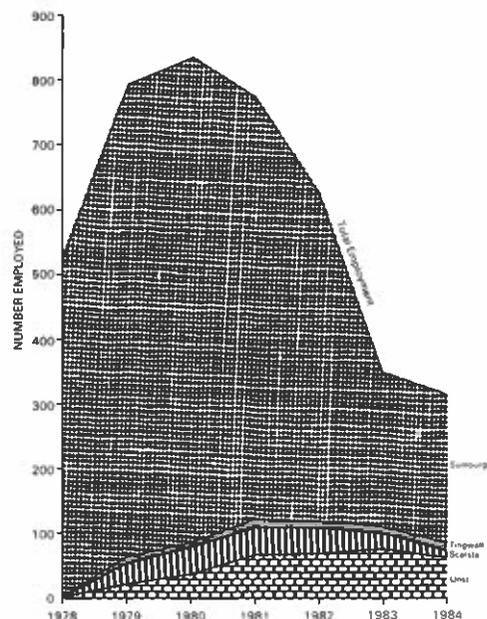
	1978	1979	1980	1981	1982	1983
Aircraft Movements	57343	63390	62014	52863	39144	28266
Passengers	757470	831857	894770	784545	546485	378408

*Includes all passengers on scheduled services

Air Services Employment

	1978	1979	1980	1981	1982	1983 (June)	1984 (Feb)
Sumburgh	529	734	748	650	501	238	232
Tingwall	n/a	6	6	12	10	10	10
Scatsta	n/a	33	42	42	41	28	12
Unst	n/a	23	37	68	69	72	61
Total	—	796	833	772	621	348	315

AIR SERVICES EMPLOYMENT



Scatsta Airport Traffic

	1979	1980	1981	1982	1983
Passengers	124512	136019	109063	52917	11823
Aircraft Movements	6613	6406	5758	3933	2556

Tingwall Airport Traffic

	1979	1980	1981	1982	1983
Passengers	8840	12194	12180	13558	14575
Aircraft Movements	2096	2921	2815	2966	3291

Unst Airport Traffic: Passengers

	1979	1980	1981	1982	1983
Fixed Wing	36362	61020	53113	50006	52147
Helicopter	39697	77368	67451	62697	52212
Total	76059	138388	120564	112703	104359

Aircraft Movements

	1979	1980	1981	1982	1983
Fixed Wing	3647	5223	4206	2486	2400
Helicopter	3159	5991	5834	6347	4764
Total	6806	11214	10040	8833	7164

Small Airfield Traffic: Passengers

Airfield	1979	1980	1981	1982	1983
Fair Isle	969	923*	841§	1179	1118
Fetlar	106	58	57	46	109
Foula	450*	562*	1175	1081	1052
Skerries	90	280	271	330	520
Whalsay	140*	120*	80*	90*	80*

Aircraft Movements

Airfield	1979	1980	1981	1982	1983
Fair Isle	292	316*	238	434	408
Fetlar	n/a	84	52	56	53
Foula	110	200	310	288	290
Skerries	60	138	138	186	300
Whalsay	132	82	78	96	70

* = Estimate

§ = Includes scheduled passengers only

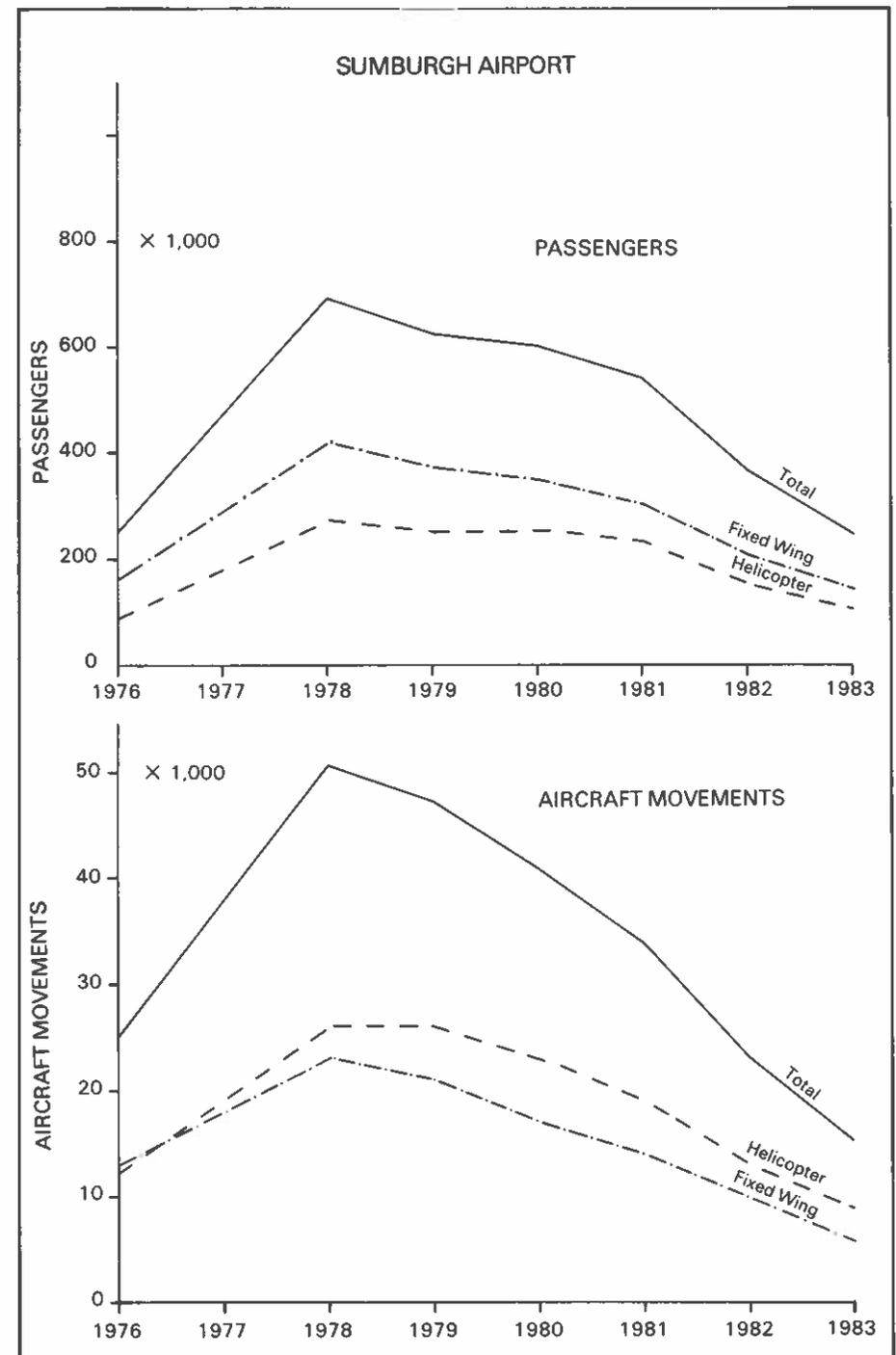
Sumburgh Airport Traffic
Passengers and Freight

	Total Passengers	Fixed Wing Scheduled Passengers	Charter Passengers & Others	Helicopter Passengers	Freight (kgs)
1972	70589	45871*	13979	10739	205303
1976	250778	78654*	84111	88013	1574338
1978	685492	90601*	323151	271740	1950287
1979	622446	89324*	279908	253214	3274754
1980	608169	82879*	269480	256810	3801467
1981	541761	76853	232389	232519	3487834
1982	367307	70543	141871	154893	2176402
1983					
Jan	20177	4432	6899	8846	114844
Feb	18028	4383	5759	7884	108563
Mar	21991	5598	7463	8930	129717
Apr	22080	5060	7917	9130	130165
May	26759	5593	9060	12106	127771
Jun	20916	5766	6885	8265	125315
Jul	19089	5652	6526	6913	114105
Aug	20432	5992	6771	7669	119118
Sep	21287	5089	7491	8707	122264
Oct	20575	5435	6750	8390	123264
Nov	18963	4376	6848	7739	131044
Dec	17354	3950	5793	7611	135219
1983 Total	247651	61326	84162	102190	1481389

*Fixed Wing. Scheduled passengers 1972-80 figures include external and internal flights. Internal flights now operate through Tingwall Airport.

Aircraft Movements

	Total	Fixed Wing	Helicopter
1972	6095	n/a	n/a
1976	25694	13030	12664
1978	50666	23843	26823
1979	47771	21737	26034
1980	41307	17602	23705
1981	34188	14361	19827
1982	23412	10070	13342
1983			
Jan	1308	507	801
Feb	1145	434	711
Mar	1424	534	890
Apr	1393	517	876
May	1570	527	1043
Jun	1251	540	711
Jul	1039	467	572
Aug	1127	548	579
Sep	1404	597	807
Oct	1202	443	759
Nov	1216	433	783
Dec	1146	401	745
1983 Total	15255	5948	9277



Social Provision & Services

Cost of Living

Indices	Nov 80	Nov 81	Nov 82	Nov 83
Shetland Lerwick	107.8	112.1	112.0	n/a*
Remote	117.4	119.5	119.4	n/a
Village A	114.5	115.3	118.3	n/a
B	114.4	120.0	116.9	n/a
C	115.7	119.6	119.8	n/a
Rural Average	109.6	112.1	110.6	n/a
Aberdeen	100.0	100.0	100.0	100.0

The indices are calculated from information collected on the price of food, housing, transport services and other goods in various locations in rural Scotland. Aberdeen is used as the basis for comparison.

Further information on the methods and results of this Rural Scotland Price Survey can be obtained from the Scottish Consumer Council, to whom the publishers are grateful for permission to reproduce the above information.

*In 1983 the Scottish Consumer Council withdrew its support for this survey, and no survey was carried out in 1983. However, under the sponsorship of the H.I.D.B., and with the co-operation of local authorities, a new survey is to take place in 1984 and comparative statistics should be available in late 1984. It is hoped that the survey will continue on an annual basis.

Housing

Housing Stock (Occupied units; April each year)

Type	1971	1981	1983	1984
Shetland Islands Council	1294	2655	2610	2605
Private and Others	4378	5507	5840	5771
Scottish Special Housing Assoc.	115	156	154	152
Total	5787	8328	8604	8528

Vehicle Ownership

Vehicles licensed in Shetland on 31st December

Type	1971	1981	1982	1983*
Private cars and vans	3600	7048	6978	7054
Goods vehicles (incl. agricultural)	440	801	800	758
Buses and coaches	138	164	178	158
Motor cycles	350	545	456	385
Miscellaneous	652	831	820	915
Total	5180	9389	9232	9270

1971 figures: local taxation office

1981, 1982 and 1983 figures: Department of the Environment and Department of Transport

*A change in the taxation methods, introduced in 1983, has meant that some light goods vehicles, formerly licensed as 'Goods' are now licensed as 'Private'.

Electricity

No. of Consumers connected by area (as at Dec 31 each year)

	1971	1981	1982	1983
Burra/Trondra	259	378	380	In 1983 the Hydro-Electric Board changed its data collection methods. The breakdown of consumers by area is no longer available.
Bressay	110	179	181	
Unst	317	461	481	
Whalsay	250	362	364	
Yell	409	573	579	
Lerwick	2794	3517	3519	
Scalloway	407	494	501	
South Mainland	947	1465	1469	
West Mainland	910	1178	1183	
North Mainland	766	1538	1559	
Fetlar	0	66	66	
Total	7169	10211	10282	10453

Breakdown into Categories

	1971	1981	1982	1983
Domestic	6019	8726	8733	8876
Farms	41	47	48	48
Public Lighting	7	33	33	33
Shops	214	260	259	259
Offices	66	90	90	91
Public Buildings	30	40	40	40
Hotels and Boarding Houses	19	22	22	23
HM Forces	3	4	4	4
Other Commercial and Public	702	915	979	1004
Water, Gas and Drainage	8	10	10	10
Factories and Workshops	60	64	64	65
Total	7169	10211	10282	10453

Electricity Generation

	1971	1982/83	1983/84
Units generated (kilowatt hours)	32,319,000	146,122,719	132,186,000
Maximum demand (megawatts)	11.69	32.30	28.90

Distribution (all figures: distances in kilometres)

	1971	1981	1982	1983
33,000 Volt overhead lines	24.7	98.0	100.2	100.3
33,000 Volt underground cables	0.0	3.7	3.7	5.86
11,000 Volt overhead lines	705.9	756.2	772.9	781.4
11,000 Volt underground cables	15.1	65.5	68.1	83.2
Low Voltage overhead lines	340.1	345.6	345.6	346.4
Low Voltage underground cables	18.9	65.6	70.9	83.3

Postal Services

Employees, Post Office

	1972	1977	1981	1982	1983
Full time postal staff	63	66	71	72	75
Part time postal staff	41	23	21	20	17
Sub Postmasters	59	56	55	54	54
Ancillary Staff	2	10	11	11	11
Total	165	155	158	157	157

No of Letters Posted Weekly

	1972	1977	1981	1982	1983
	49866	52602	69400	58000	76682

No. of Television Licences

	1972	1977	1981	1982	1983
Mono	4574	5399	1430	1069	*
Colour	0	64	5217	5431	*
Total	4574	5463	6647	6520	6635

*In 1983, for statistical purposes, the Post Office ceased to differentiate between colour and mono licences.

Telecommunications

Employees: British Telecom (Scotland)

	1977	1981	1982	1983
Telephonists	35	31	29	24
Engineers	52	74	71	62

Number of Telephone Connections (December each year)

	1971	1981	1982	1983
Unst	143	308	321	348
Yell	174	367	378	378
Fetlar	21	36	36	37
Northmavine	129	264	266	267
Delting	147	1070	922	888
Walls & Sandness	129	247	232	249
Sandsting & Aithsting	175	284	296	294
Nesting & Lunnasting	81	168	178	188
Whalsay	194	321	320	325
Skerries	23	34	34	34
Tingwall	335	723	776	765
Bressay	56	107	112	118
Burra	132	257	262	262
Dunrossness	405	1061	1040	1057
Lerwick	1275	3078	3109	3195
Total	3419	8325	8282	8405

No. of Telephone Calls by Shetland Users

	1970	1981	1982	1983
Trunk Calls	283,700	3,418,300	2,577,300	1,957,200
IDD Calls	—	37,438	33,406	29,168

No. of Other Telecommunications Installations in Shetland

	1970	1981	1982	1983
Telex	5	102	77	83
Datel	0	8	10	11

Education

No. of Teachers in Shetland

	1971	1976	1983	1984
Primary Teachers	91	117	153	148
Secondary Teachers	88	124	163	164
F.E. Teachers	2	4	10	10
Total	181	245	326	322

Primary Education

Primary School Rolls as at January each year

	1971	1976	1983	1984
Baltasound Junior High	103	100	83	84
Mid Yell Junior High	56	76	65	55
Brae Junior High	44	68	163	143
Symbister House Junior High	125	149	127	127
Aith Junior High	67	63	61	65
Scalloway Junior High	120	136	132	131
Sandwick Junior High	44	81	76	65
Haroldswick Primary	38	33	30	30
Uyeasound Primary	21	27	12	11
Cullivoe Primary	21	23	25	25
Burravoe Primary	38	31	35	31
Fetlar Primary	14	6	12	15
North Roe Primary	17	16	22	18
Ollaberry Primary	18	12	19	19
Urafirth Primary	26	29	42	36
Mossbank Primary	0	0	104	108
Firth Primary	16	0	0	0
Olnafirth Primary	19	30	48	51
Lunnasting Primary	20	22	41	38
South Nesting Primary	16	14	27	19
Skerries Primary	16	12	10	9
Sandness Primary	6	7	14	14
Foula Primary	4	4	8	8
Papa Stour Primary	0	0	7	7
Happyhansel Primary	43	40	55	51
Gruting Primary	12	11	10	9
Skeld Primary	13	26	26	21
Whitiness Primary	31	56	81	73
Burra Primary	16	0	0	0
Hamnavoe Primary	64	65	118	117
Gott Primary	41	43	46	33
Cunningsburgh Primary	56	74	70	67
Dunrossness Primary	123	152	153	159
Fair Isle Primary	3	9	10	11
Quarff Primary	17	19	26	19
Bressay Primary	24	38	21	22
Bells Brae Primary	722	790	488	462
Sound Primary	0	0	317	315
Total	2014	2262	2584	2463

Secondary Education

Secondary School Roll as at January each year

	1971	1976	1983	1984
Anderson High	571	770	999	1005
Baltasound Junior High	36	58	35	40
Mid Yell Junior High	43	58	54	63
Brae Junior High	47	68	207	246
Symbister House Junior High	36	54	63	47
Aith Junior High	35	65	56	65
Scalloway Junior High	72	129	125	136
Sandwick Junior High	55	87	113	122
Skerries School	2	6	3	2
Total	897	1295	1655	1726

Further Education

Students enrolled on F.E. Courses

	1971	1976/77	1982/83	1983/84
Day Release	20	22	59	50
Short Full Time	20	34	62	70
Evening Class	557	815	1125	931

Social Work

The following are part of the services provided by Shetland Islands Council Social Work Department

	1980/81	1981/82	1982/83	1983/84
No. of Eventide Home Beds*	60	60	60	60
No. of beds in Group Home	6	6	6	6
No. of beds in Children's Home	10	10	10	10
No. of Sheltered Housing Schemes	28	30	34	36
No. of Sheltered Houses	218	238	250	257
No. of Laundries	1	3	4	4
No. of Meals on Wheels Schemes	20	22	25	25
No. of Luncheon Clubs	3	3	3	3
No. of Meals Delivered	c60,000	c60,000	c60,000	c45,250
No. of Telephone Rentals Paid	138	168	225	235
No. of Telephones newly installed or taken over	41	35	47	16
No. of Home Helps	c200	253	332	325
No. of Home Help Clients	c325	453	589	591

*The Department also registers the Walter and Joan Gray Eventide Home in Scalloway (Church of Scotland) which has a capacity of 16 beds.

Health Board

In Shetland the Shetland Health Board is responsible for all personal health services whether in hospital or in the community. As it is a small area, the Board maintains close links with the Grampian Health Board who provide many specialist services to the population of Shetland.

Expenditure

Revenue	1980/81	1981/82	1982/83
Board Administration	324,194	326,906	362,751
Hospital Running Costs			
a. Pay	1,465,489	1,657,297	1,757,755
b. Supplies & Services	584,589	664,716	746,551
c. Other expenditure (labs, etc.)	77,652	68,775	87,085
	2,127,730	2,390,988	2,591,391
Less direct credits	32,419	37,018	42,044
=	2,095,311	2,353,970	2,549,347
Community Services (School & pre-school care, domiciliary services, health education, etc.)	635,606	719,801	786,227
Associated Services (Travelling expenses, local health council)	12,555	12,370	15,260
Primary Care			
a. Medical Services	494,290	589,893	641,674
b. Pharmaceutical Services	438,363	530,206	576,035
c. Dental Services	43,070	59,634	74,107
d. Ophthalmic Services	42,328	56,628	89,675
	1,018,051	1,236,361	1,381,491
Total Revenue Expenditure	4,085,717	4,649,408	5,085,101

Hospitals

Name	Type	No. of Beds	Average % Occupancy 1982	1983
New Gilbert Bain	Acute & Maternity	73	70	63
Montfield*	Long Stay	87	94	93

*In 1983 the extensions to the Montfield Hospital were opened, and patients were transferred there from the Old Gilbert Bain and Brevik Hospitals (Long Stay), which were then closed. The numbers of beds are those available from 1.4.84.

Staff

		1981	1982	1983
Number of G.P.'s		16	19	19
Number of Nursing Staff:	Full Time	145	151	153
	Part Time	61	139	145
Number of Hospital Doctors		6	6	6

New Gilbert Bain Hospital

	1972	1979	1981	1982	1983
Number of Casualties	1082	2799	2491	2607	2598
Number of Out-Patients	—	—	—	—	23303
Number of In-Patients	—	—	—	—	2006

Lifeboat

Supported entirely by voluntary subscriptions, the Royal National Lifeboat Institution operates two Lifeboat Stations in Shetland: Lerwick and Aith.

	Lerwick Station	Aith Station
Name	<i>Soldian</i>	<i>John & Frances MacFarlane</i>
Type	Arun Class	Barnet
Capacity for survivors	200	100
No. of crew	6	7

Number of launchings and persons rescued by Lerwick and Aith RNLI:

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Launchings	9	10	6	10	14	6	14	10	17	12	21
Persons rescued	13	11	0	6	8	8	0	14	6	14	13

Crime

The Shetland Sub-Division of the Northern Constabulary is run by the Northern Joint Police Committee, administered by the Highland Regional Council. The 1984/85 Requisition from the Shetland Islands Council was £538,000.

Number of Police Stations in Shetland: 1984

Single Officer Police Stations: 4 (Baltasound, Cullivoe, Scalloway and Whalsay).

Section Stations under Sergeant-in-Charge: 2 (Brae and Dunrossness)

Shetland Sub-Divisional Headquarters: 1 (Lerwick)

Police manpower

	1971	1976	1981	1983	1984
	21	28	45	37	36

Number of Crimes and Offences reported to the police

	1971	1972	1976	1979
Class 1: Crimes against the person	13	17	16	77
Class 2: Crimes against property with violence	23	25	43	46
Class 3: Crimes against property without violence	81	97	177	189
Class 4: Malicious injury to property	6	3	32	48
Class 5: Forgery and currency crimes	0	0	0	1
Class 6: Others not included in above	1	4	11	58
Class 7: Miscellaneous (Road Traffic, Litter, etc.)	306	432	1095	1751
Total	430	578	1374	2170

The classification of crimes and offences was changed nationally with effect from January 1980. For comparative purposes, the Northern Constabulary has re-classified the 1979 statistics, and the converted figures appear below.

Number of Crimes and Offences reported to the police (new classification)

	1979	1981	1982	1983
Group 1: Non-sexual crimes against the person	65	24	34	18
Group 2: Crimes involving indecency	14	12	14	1
Group 3: Crimes involving dishonesty	297	352	350	306
Group 4: Fire-raising, malicious & reckless conduct	106	126	184	171
Group 5: Other crimes	73	83	56	44
Group 6: Miscellaneous	456	422	375	311
Group 7: Offences relating to motor vehicles	1159	874	892	743
Total	2170	1893	1905	1594

In 1983, the Northern Constabulary Shetland Sub-Division achieved a crime detection rate of 85.1%.

Fire Service

The Fire Service in Shetland is run by the Northern Joint Fire Committee, administered by Highland Regional Council. The 1984/1985 Requisition from the Shetland Islands Council was £256,000.

Number of Fire Units in Shetland 1983

Location	Establishment	Appliances
Retained: Lerwick	20 + 2 full-time officers	1 Water Tender Escape 1 Water Tender Ladder 1 Light Fire Appliance 2 Water Tender Ladders
Brae Volunteer:	18	
Baltasound, Bixter, Bressay, Fair Isle, Fetlar, Hamnavoe, Hillswick, Mid Yell, Mossbank, Scalloway and Whalsay. Sumburgh, Sandwick and Walls.	12 per unit	1 Portable Pump per unit
Total	208	1 Light Fire Appliance

Number of fires attended

	1971	1981	1982	1983
Chimney fires	16	24	29	23
Special services (pumping out boats, properties, etc., road traffic accidents:)	5	17	21	12
Property and small fires	17	54	63	51
False alarms, good intent	2	6	7	13
False alarms, malicious	1	2	10	3
Total	41	103	130	102

Rating and Valuation

	Non-Domestic	Rate per £ Domestic	Water	Total Rateable Value £
1975/76	99p	78p	18p	396,476
1976/77	140p	113p	20p	463,641
1977/78	161p	130p	25p	584,996
1978/79	45p*	42p*	10p*	6,234,214
1979/80	50p	47p	11p	15,529,780
1980/81	75p	72p	14p	25,311,238
1981/82	79p	76p	10p	31,129,489
1982/83	95p	92p	10p	32,648,559
1983/84	111p	108p	11½p	33,286,675
1984/85	129p	126p	6p	32,894,539

*Revaluation: 1st April, 1978.

Shetland Islands Council Finance

REVENUE & CAPITAL EXPENDITURE

	1983/84		1984/85	
	(Net) Revenue Expenditure £'000	Capital Expenditure £'000	(Net) Revenue Expenditure £'000	Capital Expenditure £'000
Development	1416	406	963	901
Leisure & Recreation	1125	52	848	101
Education	13364	3093	14281	2216
Housing	1104	3746	915	4559
General Services:				
Cleaning	901	—	871	28
Sewerage	699	358	711	492
Other	770	429	647	252
Ports & Harbours	—	554	—	659
Resources:				
Police & Fire	1012	113	794	874
Repairs & Renewals	900		—	
Capital Fund	3000		3000	
Other	778		791	
Roads & Transport:				
Roads & Road				
Lighting	6119	3271	6249	2539
Ferries	1619	898	1862	889
Other	344	1062	381	637
Social Work	2086	555	2383	208
Water	716	528	600	564
Contingency	2423	—	900	—
Accelerated Debt Redemption	3960	—	4385	—
Coastal Protection	—	50	—	75
TOTAL	42336	15115	40581	14994

Source of Finance for Revenue Expenditure

	1983/84	1984/85
	£'000	£'000
Rate Support Grant	10,302	10,122
Balance Brought Forward	4,562	1,736
Revenue Interest	—	190
Charged to Rates	27,472	28,533
	<u>42,336</u>	<u>40,581</u>

Electoral Statistics

JUNE 1983

General Election result in the Orkney and Shetland Parliamentary Constituency:

James Wallace (Lib/Alliance)	9,374
David Myles (Con)	5,224
Winifred Ewing (SNP)	3,147
Robina Goodlad (Lab)	2,665
Lib maj.	4,150

Total Electorate: 30,411 (Shetland: 15,902; Orkney 14,509)

JUNE 1984

European Assembly Election result in the Highlands and Islands Constituency:

Winifred Ewing (SNP)	49,410
Russell Johnston (Lib/Alliance)	33,133
David Webster (Con)	18,847
Jack MacArthur (Lab)	16,644
SNP maj.	16,277

Total Electorate: 310,508 (Shetland: 16,057)

MARCH 1979

Referendum: Do you want the provisions of the Scotland Act 1978 to be put into effect?

No	5,466
Yes	2,020

Total Electorate (Shetland): 14,882

MARCH 1979

Referendum: In view of the proposals for devolution for Scotland, do you agree that the Shetland Islands Council should continue to press for Shetland's position to be considered through the establishment of a commission as proposed by Mr Grimond?

Yes	9,162
No	1,028
Maj.	8,134

Total Electorate (Shetland): 14,244

JUNE 1975

Referendum: Do you think the UK should stay in the European Economic Community (the Common Market)?

No	3,631
Yes	2,815
Maj.	816

Total Electorate (Shetland): 13,437

COMMITTEES

Convener : Alexander I. Tulloch
Vice-Convener: Edward Thomason

Committee	Chairman
Chairmen's	Alexander I. Tulloch
Development, Leisure & Recreation	Alexander J. Cluness
Education	Willam A. Smith
General Services	Robert S. Gray
Housing	Willam A. Cumming
Policy	Alexander I. Tulloch
Ports & Harbours	David J. Johnson
Resources	Edward Thomason
Roads & Transport	James C. Irvine
Social Work	Dr J. A. Hunter

DEPARTMENTS

Chief Executive: Michael Gerrard, Town Hall, Lerwick

Department	Director & Address
Administration	Patrick Regan, Quendale House, 31 Commercial St., Lerwick
Construction	William Smith, Grantfield, Lerwick
Design & Technical Services	Bryan Davison, 92 St Olaf St., Lerwick
Education	Robin Barnes, Brentham House, Harbour St., Lerwick
Finance	Malcolm Green, 4 Market St., Lerwick
Leisure & Recreation	John Nicolson, Hillhead, Lerwick
Personnel	Peter Taylor, Personnel Manager, County Buildings, Lerwick
Ports & Harbours	Albert Flett, Port Administration Buildings, Sella Ness, Sullom Voe
Planning	Gordon Mann, Victoria Buildings, Esplanade, Lerwick
Protective Services & Housing	Douglas Smith, 3 Commercial Road, Lerwick
Research & Development	John Burgess, 93 St Olaf St., Lerwick
Social Work	Peter Malcolmson, 64 St Olaf St., Lerwick

Community Council Chairmen & Clerks

Aithsting and Sandsting	Chairman: J. P. Nicolson, 1 Whitelaw Road, Bixter. Clerk: Mrs L. Fraser, West Burrafirth, Bridge of Walls.
Bressay	Chairman: L. W. Anderson, 6 Fullaburn, Bressay. Clerk: Mrs K. Manson, Uphouse, Bressay.
Burra and Trondra	Chairman: R. Hunter, Mill Burn, Bridge End, Burra. Clerk: Mrs I. Inkster, Tremayne, Bridge End, Burra.
Delting	Chairman: A. Cooper, Linga, Mossbank. Clerk: Mrs V. Clark, Braehead, Mossbank.
Dunrossness	Chairman: W. H. Burgess, Lochview, Scousburgh. Clerk: J. A. F. Smith, Hayhoull Place, Bigton.
Fetlar	Chairman: F. Coutts, Everland, Fetlar. Clerk: Mrs L. Borthwick, Schoolhouse, Fetlar.
Gulberwick, Quarff & Cunningsburgh	Chairman: T. J. Goudie, Ellangowan, Gulberwick. Clerk: R. Jarmson, Meal, Cunningsburgh.
Lerwick	Chairman: R. J. Anderson, 54 Breiwick Road, Lerwick. Clerk: D. J. Holme, 1 Hayfield Court, Lerwick.
Nesting and Lunnasting	Chairman: J. Hutchison, Orgill, Vidlin. Clerk: Mrs E. Manson, 2 Bellevue Park, Lerwick.
Northmavine	Chairman: A. R. A. Mowat, Punds, Sullom. Clerk: Miss M. F. Copland, Brabon, Lochend, Northmavine.
Sandness and Walls	Chairman: A. Robertson, 11 Kirkidale, Walls. Clerk: Mrs L. Fraser, West Burrafirth, Bridge of Walls.
Sandwick	Chairman: Mrs B. Smith, Broonies Taing, Sandwick. Clerk: Mrs R. Inkster, Taralea, Sandwick.
Scalloway	Chairman: J. W. Sutherland, Thule, Castle Street, Scalloway. Clerk: Mrs M. A. Irvine, Hillside, Scalloway.
Unst	Chairman: J. W. Ritch, 7 Daisy Park, Baltasound. Clerk: Mrs J. Ritch, Janefield, Baltasound.
Whalsay and Skerries	Chairman: Mr J. G. Simpson, Brough, Whalsay. Clerk: H. A. Stewart, 2 Gardentown, Symbister, Whalsay.
Whiteness, Weisdale & Tingwall	Chairman: P. Garrick, Griesta, Tingwall. Clerk: Mrs B. Nicolson, 37 Kalliness, Weisdale.
Yell	Chairman: C. Spence, Gremister, Herra, Mid Yell. Clerk: D. R. A. Rushton, Stonganess, Cullivoe.

Bibliography

Literature about Shetland is widespread and varied. The following is a representative selection. It makes no claim to be an exhaustive list.

GENERAL INTEREST

	£
Balneaves, E.	The Windswept Isles 12.50
Butler, D.	Isle of Noss Guide 1.90
Dunrossness Community Council	Guide to Dunrossness and Fair Isle 0.50
Donaldson, G.	Isles of Home: Sixty Years of Shetland 8.95
Fenton, A.	The Northern Isles, Orkney and Shetland 15.00
Gear, S.	Foula. Island West of the Sun 8.50
Graham, J. J.	The Shetland Dictionary 4.95
Gronneberg, R. (ed)	Islands Future 1.95
Gronneberg, R.	Jakobsen and Shetland 3.95
Henderson, T. (ed)	Shetland from Old Photographs 4.50
Irvine, J. W.	Up-Helly-Aa. A Century of Festival 6.00
Kidd, T.	Life in Shetland 6.95
Nicolson, J. R.	Hay & Company. Merchants in Shetland 7.95
Nicolson, J. R.	Lerwick Harbour 4.50
Nicolson, J. R.	Shetland 9.95
Nicolson, J. R.	Shetland Folklore 8.25
Nicolson, J. R.	Traditional Life in Shetland 7.25
Robson, A.	The Saga of a Ship. The Earl of Zetland 12.00
Shetland Tourist Organisation	Shetland. A Tourist's Guide 0.25
Shetland Tourist Organisation	Shetland Holiday Planner 0.50
Shetland Tourist Organisation	Guide to the Isle of Unst 0.40
Smith, H. D.	The Making of Modern Shetland 1.50
Waterson, G. & Jones, J.	Fair Isle, A Photographic History 4.95

ECONOMY

£

Goodlad, C. A.	Shetland Fishing Industry Plan (May 1984)
McNicoll, I. H.	Agriculture in the Shetland Economy
McNicoll, I. H.	The Knitwear Industry in Shetland
McNicoll, I. H.	The Impact of Oil on the Shetland Economy
McNicoll, I. H.	The Shetland Fishing Industry: Its Impact on Local Economic Activity
McNicoll, I. H.	Shetland's Trading Behaviour
McNicoll, I. H.	Transport in Shetland
McNicoll, I. H. & Walker, G.	The Shetland Economy 1976-7 1.00
McNicoll, I. H.	Survey of the Shetland Economy (July 1984)
	(Individual Industrial Sector Reports will be available)
Shetland Islands Council & Orkney Islands Council	Proposals for a Fisheries Management Scheme in the Orkney and Shetland Area
Shetland Islands Council Research & Development Dept.	Economic Development Strategy for Shetland (May 1984)
Wilcox, J.	The Shetland Knitwear Industry: Development through the '80's' (July 1984)

FISHING

£

Coull, J. R.: Goodlad, J. H.; & Sheves, G. T.	The Fisheries in the Shetland Area. A Study in Conservation and Development 3.00
Jamieson, H.	Harry's Shetland Fishing Almanac 1984 1.50
Nicolson, J. R.	Shetland's Fishing Vessels 2.00
Shetland Anglers Association	A Guide to Shetland Trout Angling 1.00

HISTORY

£

Anderson, P. D.	Robert Stewart: Earl of Orkney, Lord of Shetland, 1533-1593 15.00
Fojut, N.	A Guide to Prehistoric Shetland 2.80
Graham, J. J. (intro)	The Statistical Account of Scotland, Vol. XIX, Orkney and Shetland, 1799 (reprint) 22.00
Irvine, J. W.	Footprints 2.50
Laing, L.	Orkney and Shetland. An Archaeological Guide 5.95
Witherington, D. J. (ed)	Shetland and the Outside World, 1469-1969 15.00

KNITTING		£
Don, S.	The Art of Shetland Lace	6.95
Don, S.	Fair Isle Knitting	5.95
McGregor, S.	Traditional Fair Isle Knitting	7.95
National Trust for Scotland	Traditional Fair Isle Knitting Patterns	1.50
Smith, M. & Twatt, M.	Shetland Pattern Book	1.80

OIL		£
Shetland Islands Council Research and Development Department	Shetland's Oil Era	12.00

SPECIALIST		£
Clyde Cruising Club	Shetland Sailing Directions and Anchorages	7.00
Institute of Geological Sciences	British Regional Geology — Orkney and Shetland	2.25
Nevis Institute	The Shetland Report	5.00
Shetland Islands Council, Leisure & Recreation Dept.	Shetland Community Directory	0.75
Shetland Islands Council Ports & Harbours Department	The Port of Sullom Voe	0.60
Shetland Islands Council Research & Development Dept.	Shetland Business Directory	0.60
Spence, D.	Shetland's Living Landscape	6.50

WILDLIFE & NATURAL HISTORY		£
Berry, J. R. & Johnston, J. L.	The Natural History of Shetland	8.50
Cox, M.	The Ponies of Shetland	0.60
Holloway, J. F. & Thorne, R.	The Birds of Fair Isle	2.00
Holloway, J. F.	Fair Isle's 'Garden' Birds	18.00
Shetland Bird Club	Shetland Bird Report 1982	1.70
Tulloch, R.	A Guide to Shetland Mammals	1.50
Tulloch, R. & Hunter, F.	A Guide to Shetland Birds	1.50