



**MISCELLANEOUS
AGRICULTURAL
STATISTICS**

Table 8.1 - Land utilisation - Island of Mauritius, 2005

	Area (hectares)	%
Agriculture	80,674	43.3
<i>Sugar cane</i>	72,000	38.6
<i>Other agricultural activities</i>	8,674	4.7
Forest, scrubs and grazing lands	47,200	25.3
Reservoirs, ponds, swamps & rocks	2,900	1.6
Roads and footpaths	4,500	2.4
Built-up areas	46,500	24.9
Abandoned cane fields	4,726	2.5
Whole Island	186,500	100.0

Source: Final Draft Report- Stocktaking and Stakeholders consultation Exercise on climate change activities, March 2006.

Ministry of Environment & National Development Unit

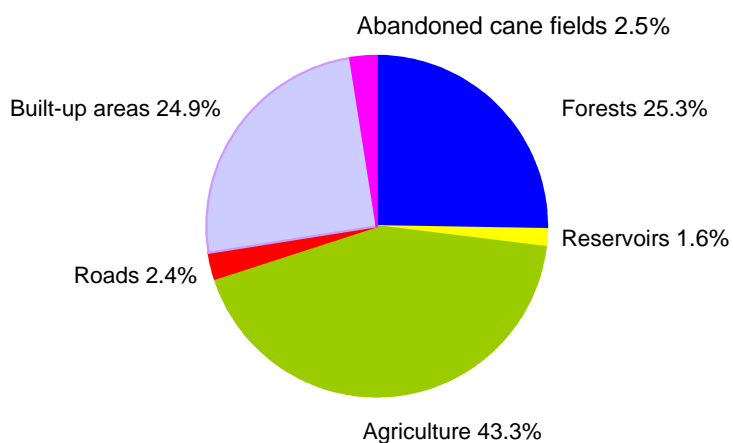
Figure 16 - Land Utilisation - Island of Mauritius, 2005

Table 8.2 - Effective area under cultivation - Island of Mauritius, 2003 -2007

(Hectares)

Crops	2003	2004	2005	2006	2007
Sugar cane	74,117	72,955	71,583	70,801	68,523
Tea	681	674	670	688	709
Tobacco	381	378	348	252	258

Table 8.3 - Land under irrigation - Island of Mauritius, 2004 - 2007 (as at December)

(Hectares)

Region	Overhead	Surface	Drip	Total
North	5,728	579	1,094	7,401
East	3,396	-	241	3,637
Centre	589	71	-	660
West	4,001	968	257	5,226
South	3,888	-	509	4,397
Total 2007	17,602	1,618	2,101	21,321
Total 2006	17,576	1,737	2,109	21,422
Total 2005	16,761	1,768	2,129	20,658
Total 2004	17,548	1,837	2,032	21,417

Source: Irrigation Authority

Table 8.4 - Imports of agricultural and food products - Republic of Mauritius, 2003 -2007

(c.i.f value in Rs million)

Description of product	2003	2004	2005	2006 ¹	2007
1. Live animals	279.7	334.4	346.5	342.6	317.6
<i>of which:</i>					
cattle	239.2	268.3	290.6	284.5	243.4
2. Meat and meat preparations	859.6	976.6	998.8	1,192.1	1,352.8
<i>of which:</i>					
<i>meat and edible meat offals,fresh, chilled or frozen</i>	660.7	779.5	783.4	957.6	1,063.8
<i>meat and edible meat offals prepared or preserved</i>	198.9	197.1	215.3	234.5	289.0
3. Dairy products and eggs	1,464.7	1,531.0	1,815.4	1,869.6	2,443.3
<i>of which:</i>					
<i>milk and cream</i>	1,049.4	1,070.1	1,283.9	1,301.7	1,769.4
<i>butter,ghee,cheese and curd</i>	414.2	460.0	530.9	566.7	673.4
4. Fish,crustaceans,molluscs and preparation thereof	2,542.4	3,170.1	4,265.7	6,687.4	7,068.0
<i>of which:</i>					
<i>fish - fresh,chilled and frozen</i>	2,075.6	2,645.9	3,677.9	5,997.5	6,221.4
<i>fish - dried,salted,smoked</i>	13.1	12.6	22.1	24.3	25.4
<i>fish,crustaceans and molluscs - prepared and otherwise preserved</i>	243.3	244.1	230.4	289.9	368.7

¹ Revised

Table 8.4 (cont'd) - Imports of agricultural and food products - Republic of Mauritius, 2003 -2007

(c.i.f value in Rs million)

Description of product	2003	2004	2005	2006 ¹	2007
5. Cereals and Cereal preparations	2,051.3	2,596.9	2,716.5	2,845.0	3,988.0
<i>of which:</i>					
<i>rice</i>	658.2	892.6	908.5	986.0	1,211.2
<i>maize</i>	269.1	418.1	402.0	472.2	553.5
<i>wheat flour</i>	1.8	310.9	42.6	0.9	3.0
<i>cereal preparations</i>	355.9	399.7	456.5	504.8	616.7
6. Vegetables and fruits	1,282.1	1,325.2	1,442.8	1,580.7	1,968.1
<i>of which :</i>					
<i>potatoes</i>	145.1	128.4	137.5	149.5	148.6
<i>pulses</i>	156.3	164.0	188.3	215.0	314.2
<i>fruits and nuts, fresh or dried</i>	448.8	465.5	483.3	530.5	573.6
<i>fruits preserved and fruit preparations</i>	80.8	96.4	112.4	112.8	125.4
7. Sugar, sugar preparations and honey	407.8	389.8	518.9	799.5	650.7

¹ Revised

Table 8.4 (cont'd) - Imports of agricultural and food products - Republic of Mauritius, 2003 -2007

(c.i.f value in Rs million)

Description of product	2003	2004	2005	2006 ¹	2007
8. Coffee, tea, cocoa, spices and manufactured thereof	317.9	325.3	356.1	401.3	515.7
<i>of which:</i>					
<i>chocolate and food preparations containing cocoa</i>	162.1	192.3	207.1	239.2	302.1
<i>spices</i>	101.9	74.4	81.7	80.2	112.9
9. Feeding stuff for animals	293.8	421.3	400.6	406.3	442.2
10. Miscellaneous food preparations	698.4	758.5	835.4	1,023.8	1,163.7
11. Beverages and tobacco	626.2	697.9	839.0	951.7	1,527.9
<i>of which:</i>					
<i>non-alcoholic beverages n.e.s</i>	81.4	80.8	124.8	141.1	149.6
<i>alcoholic beverages</i>	365.5	425.2	459.2	528.3	749.7
<i>tobacco, manufactured</i>	174.5	184.5	242.6	276.5	625.0
<i>tobacco, unmanufactured</i>	4.8	7.5	12.3	5.9	3.5
12. Vegetable oils and fats	709.1	812.2	948.4	828.0	1,261.1
Total agricultural and food products	11,533.0	13,339.2	15,484.1	18,928.0	22,699.1
Total Imports	65,941.9	76,387.4	93,282.2	115,502.3	121,081.7
Total imports of agriculture and food products as a % of total imports	17.5	17.5	16.6	16.4	18.7

¹ Revised

Table 8.5 - Imports of selected items (Quantity) - Republic of Mauritius, 2003 -2007

(Tonnes)

Items	2003	2004	2005	2006 ¹	2007
1. Rice	57,134	72,112	61,849	60,960	62,722
2. Maize	72,914	88,539	89,126	77,144	74,189
3. Wheat Flour	48	36,176	4,608	28	155
4. Pulses	11,967	12,612	12,507	12,342	13,772
5. Fruits and nuts (fresh & dried)	20,780	20,765	18,919	19,309	19,675
6. Coffee	457	459	507	554	549
7. Cocoa/Chocolate	1,448	1,626	1,566	1,640	1,729
8. Vegetable oils & fats	37,076	37,436	44,832	34,787	41,170
9. Cattle ² (Live)	12,107	12,600	12,714	13,278	8,145
10. Meat & Edible meat offals (prepared or preserved)	2,656	2,636	2,728	2,633	3,104
11. Meat & Edible meat offals (fresh,chilled or frozen)	12,244	13,109	11,583	12,225	11,812
12. Milk and cream	19,191	19,198	17,890	17,289	17,978
13. Butter,ghee,cheese & curd	3,989	4,065	3,990	3,829	4,148
14. Fish,crustaceans & molluscs (fresh,chilled and frozen)	58,195	76,273	99,411	145,240	122,983
15. Fish,crustaceans & molluscs (dried,salted and smoked)	581	997	1,510	1,406	1,057
16. Fish,crustaceans & molluscs (prepared or otherwise preserved)	4,404	4,242	3,829	3,957	4,797

¹ Revised² Number of heads

Table 8.6 - Imports of major agricultural inputs - Republic of Mauritius, 2003 -2007

(Quantity in tonnes, c.i.f value in Rs '000)

Commodities	2003		2004		2005		2006 ¹		2007 ²	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Fertilizers	64,081	314,805	48,749	309,928	61,605	536,473	55,313	471,235	45,336	476,188
Insecticides	809	95,127	642	82,063	707	101,630	1,288	197,468	648	117,413
Fungicides	201	26,655	210	29,083	242	37,159	188	32,237	212	38,149
Weedkillers	1,212	173,316	1,220	178,559	1,192	173,782	911	168,024	1,105	169,811

¹ Revised

² Provisional

Table 8.7 - Consumption of fertilizers - Republic of Mauritius, 2001 - 2007

(Tonnes)

Year	Product weight	Nutrients contents		
		N	P ₂ O ₅	K ₂ O
2001	65,527	11,428	4,059	12,911
2002	64,739	11,028	4,011	13,296
2003	63,507	10,742	4,094	11,516
2004	61,266	10,499	4,022	12,248
2005	50,870	9,908	5,829	14,196
2006	48,109	8,614	3,392	9,397
2007	N.A	N.A	N.A	N.A

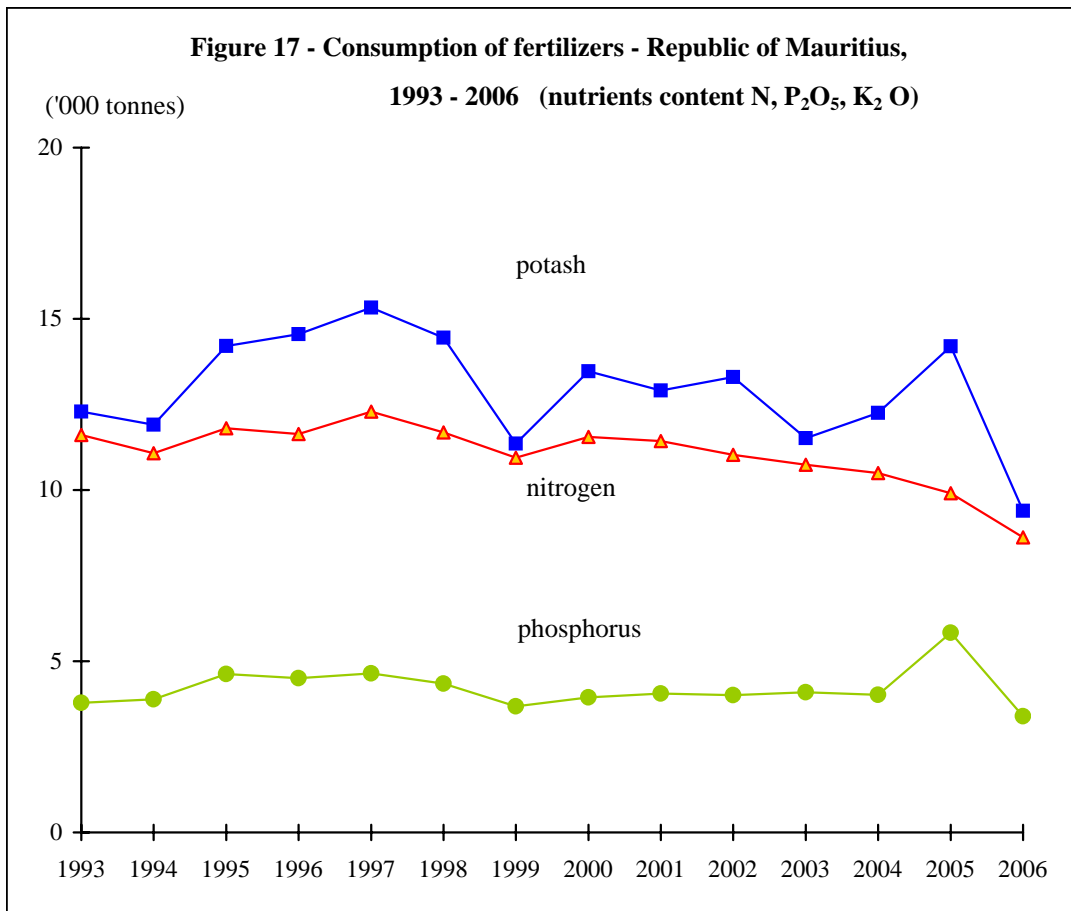


Table 8.8 - Average price of fertilizers - Republic of Mauritius, 2006-2007

(Rupees/tonne)		
Fertilizers	2006	2007
Straight fertilizers		
Mono-Ammonium-Phosphate (Granular)	13,135	20,333
Urea (Granular)	12,700	13,518
Muriate of Potash (Granular)	10,538	10,949
Di-Ammonium Phosphate (Granular)	15,225	17,935
Urea- based blends fertilizers		
23-0-30	11,933	12,329
20-8-28	11,933	13,545
16-22-22	12,203	15,780
34-0-16	12,180	-
28-0-24	11,800	12,497
19-20-20	12,273	17,395
16-16-23+2.5 MgO	11,773	14,460
30-11-11	12,463	14,267
23-8-23	11,900	14,124
22.5-7.5-7.5	12,475	12,843
34-17-0	12,240	-
27-0-0	9,700	11,690
17-8-26	8,700	-
13-30-18	-	18,800
NPK Formulations		
17-3-27	11,660	-
17-8-24	10,830	-
14-13-20+2MgO	11,120	14,050
14-20-20	12,570	16,425
22-7-7	10,320	12,333
16-0-25	10,220	11,928
17-8-23	11,660	13,905
18-4-24	11,380	13,050
19-0-19	10,110	11,885
Can 27-0-0	10,050	11,405

Note: as from year 2005 complex fertilizers has been replaced by urea based blend type. Hence figures are not comparable with previous years.

Figure 18 - Monthly rainfall - Island of Mauritius, 2006 - 2007
(difference from normal, all districts)

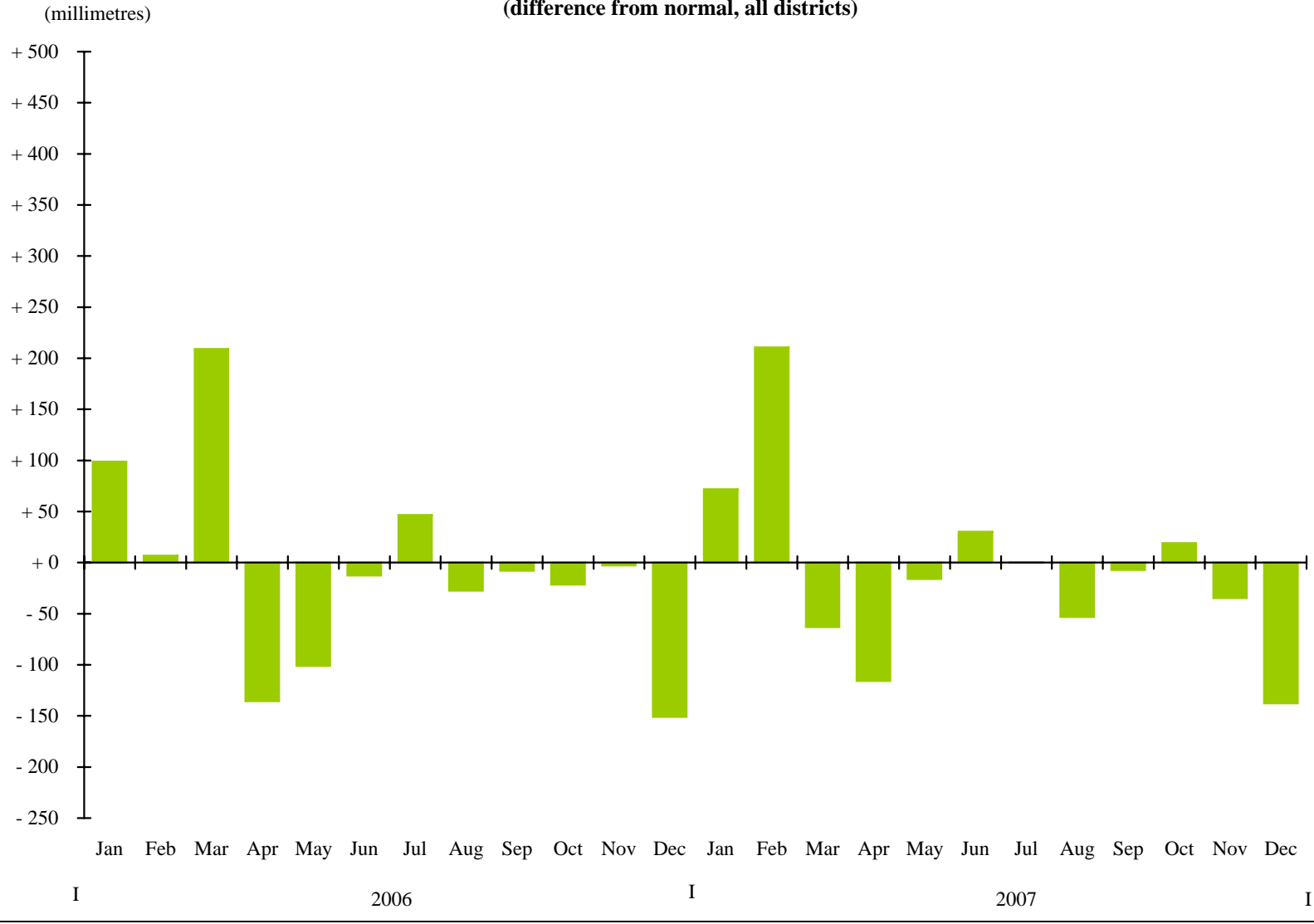


Table 8.9- Monthly average rainfall by region - Island of Mauritius, 2007

(Millimetres)

Region Month	North		South		East		West		Centre		All sugar zones	
	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal
January	181.5	- 10.9	373.6	+ 108.2	411.1	+ 119.4	164.2	+ 3.3	424.1	+ 87.9	325.7	+ 71.8
February	326.0	+ 79.6	630.1	+ 283.0	496.6	+ 120.9	493.7	+ 288.6	834.1	+ 433.9	535.3	+ 210.7
March	94.5	- 61.7	203.8	- 69.9	172.7	- 90.2	83.5	- 18.0	222.4	- 18.3	162.2	- 63.2
April	61.1	- 94.4	146.6	- 118.2	128.0	- 146.6	1.0	- 89.4	104.8	- 104.8	105.2	- 115.8
May	76.9	- 20.8	187.5	- 11.3	190.3	- 8.6	4.9	- 35.6	101.7	- 23.4	137.6	- 16.1
June	112.8	+ 44.9	146.6	+ 11.7	173.3	+ 36.5	82.6	+ 57.3	113.3	+ 18.8	136.4	+ 30.3
July	55.6	- 9.7	151.8	+ 7.6	133.6	- 0.3	20.4	+ 2.2	106.4	+ 1.8	108.7	+ 0.4
August	27.1	- 36.5	69.1	- 71.0	71.9	- 60.1	16.1	- 2.2	53.6	- 58.9	53.8	- 53.2
September	22.5	- 18.6	92.4	+ 2.4	82.9	- 8.2	7.7	- 4.5	57.5	- 11.3	62.7	- 7.3
October	56.3	+ 19.5	104.1	- 0.5	124.4	+ 40.1	41.4	+ 24.0	82.0	+ 22.7	90.3	+ 19.0
November	39.8	- 5.6	40.3	- 63.0	64.8	- 34.9	12.6	- 13.7	35.8	- 31.9	43.6	- 34.8
December	17.9	- 112.1	69.6	- 150.2	75.5	- 156.3	38.3	- 74.2	43.8	- 161.4	53.3	- 137.7

Source: Meteorological Services

Table 8.10- Monthly average minimum temperature by region - Island of Mauritius, 2007

(Degrees Celcius)

Region Month	North		South		East		West		Centre		All sugar zones	
	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal
January	23.4	+ 1.5	24.0	+ 1.1	23.5	+ 1.5	24.6	+ 2.1	21.8	+ 1.4	23.5	+ 1.5
February	23.0	+ 0.8	24.3	+ 1.2	23.8	+ 1.4	24.5	+ 1.8	22.0	+ 1.4	23.5	+ 1.3
March	21.8	0.0	23.2	+ 0.4	22.3	+ 0.3	22.9	+ 0.6	21.0	+ 0.6	22.2	+ 0.4
April	21.3	+ 0.5	23.1	+ 1.2	22.4	+ 1.2	22.4	+ 1.1	20.5	+ 0.9	21.9	+ 1.0
May	19.3	+ 0.8	21.2	+ 1.0	20.3	+ 0.9	20.9	+ 1.4	18.8	+ 1.1	20.1	+ 1.0
June	16.4	- 0.3	19.1	+ 0.4	18.2	+ 0.4	18.2	+ 0.5	16.4	+ 0.3	17.7	+ 0.3
July	16.7	+ 0.7	19.1	+ 1.0	18.0	+ 0.8	18.3	+ 1.2	16.4	+ 1.1	17.7	+ 1.0
August	16.3	+ 0.1	18.5	+ 0.6	17.4	+ 0.3	17.7	+ 0.7	15.7	+ 0.5	17.1	+ 0.4
September	16.6	+ 0.1	19.3	+ 1.3	18.0	+ 1.0	18.2	+ 0.7	16.3	+ 0.8	17.7	+ 0.8
October	18.2	+ 0.3	20.2	+ 1.0	19.1	+ 1.1	19.5	+ 0.9	17.1	+ 0.6	18.8	+ 0.8
November	19.6	- 0.5	21.5	+ 1.1	20.0	+ 0.6	20.6	+ 0.6	18.4	+ 0.7	19.8	+ 0.5
December	21.4	+ 0.5	23.5	+ 1.6	22.0	+ 1.1	22.5	+ 0.9	20.2	+ 0.8	21.9	+ 1.0

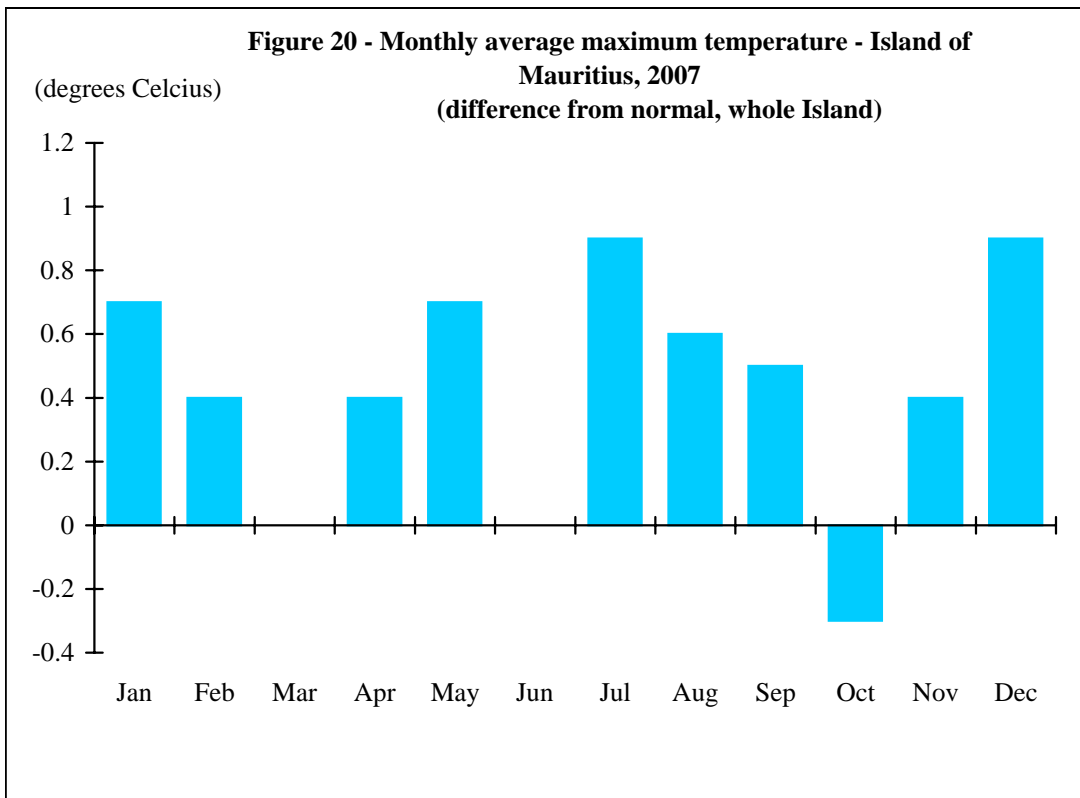
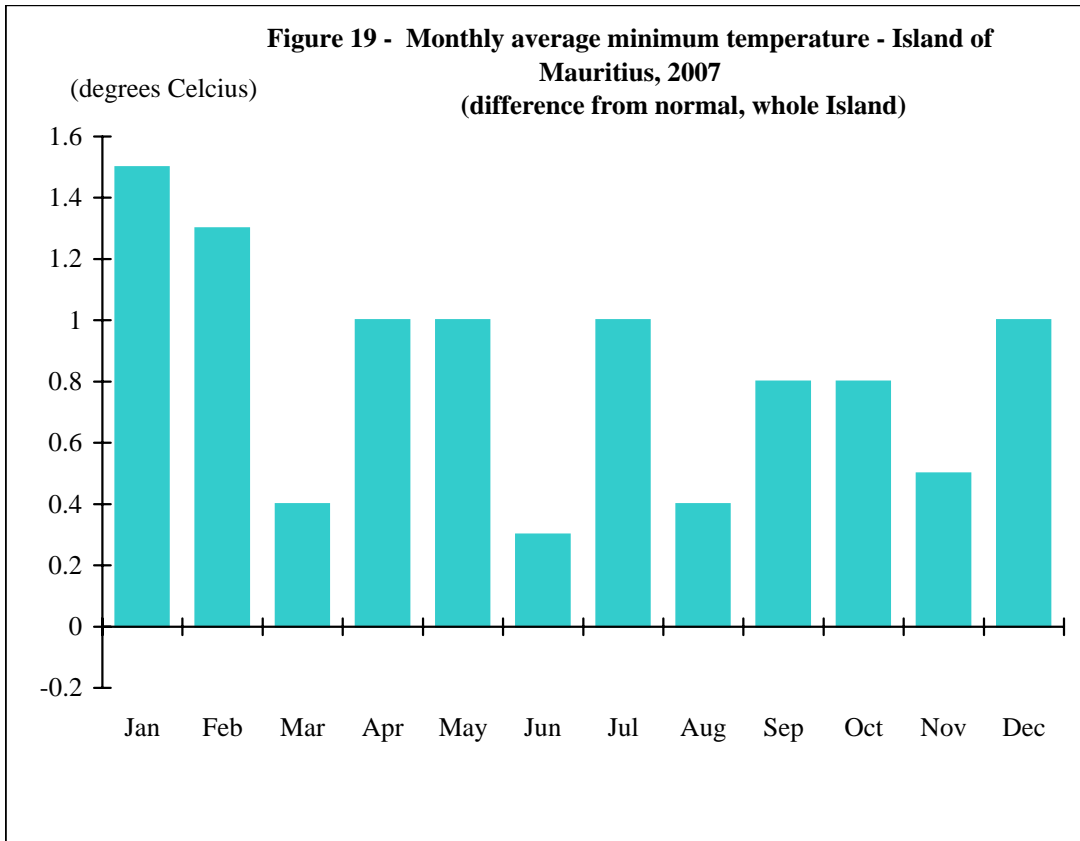
Source: Meteorological Services

Table 8.11 - Monthly average maximum temperature by region - Island of Mauritius, 2007

(Degrees Celcius)

Region Month	North		South		East		West		Centre		All sugar zones	
	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal	Mean Amount	Difference from normal
January	31.8	+ 0.7	30.3	+ 0.5	29.1	+ 0.2	32.1	+ 1.7	28.3	+ 0.6	30.3	+ 0.7
February	31.0	+ 0.2	30.0	+ 0.5	29.0	+ 0.2	31.2	+ 0.9	27.7	+ 0.2	29.8	+ 0.4
March	30.4	- 0.2	29.6	+ 0.4	28.2	- 0.4	30.5	+ 0.2	27.3	- 0.1	29.2	0.0
April	30.1	+ 0.4	28.6	+ 0.3	27.3	- 0.4	31.0	+ 1.5	26.2	- 0.1	28.6	+ 0.4
May	28.9	+ 0.8	27.3	+ 0.5	26.3	0.0	29.7	+ 1.7	25.3	+ 0.4	27.5	+ 0.7
June	26.4	- 0.1	25.3	+ 0.1	24.4	- 0.2	26.8	+ 0.3	22.9	- 0.1	25.2	0.0
July	26.4	+ 1.0	25.2	+ 0.9	24.1	+ 0.4	27.1	+ 1.3	22.9	+ 1.0	25.1	+ 0.9
August	26.7	+ 0.8	24.8	+ 0.6	23.7	- 0.1	26.7	+ 0.8	22.5	+ 0.7	24.9	+ 0.6
September	27.9	+ 1.0	25.5	+ 0.4	24.2	- 0.1	27.9	+ 1.3	22.8	+ 0.1	25.7	+ 0.5
October	28.5	+ 0.1	25.8	- 0.6	24.7	- 0.7	28.4	+ 0.5	23.4	- 0.7	26.2	- 0.3
November	29.7	- 0.4	28.2	+ 0.2	27.0	0.0	30.6	+ 1.5	26.5	+ 0.6	28.4	+ 0.4
December	32.6	+ 1.9	29.6	+ 0.4	28.4	+ 0.2	31.4	+ 1.6	27.4	+ 0.3	29.9	+ 0.9

Source: Meteorological Services



AGRICULTURE UNIT

Glossary

Virgin crop: The first crop, from newly planted cane.

Ratoon crop: Cane crop grown from the stools of old cane, instead of from freshly planted cane seedlings.

Grande saison: A cane planting crop cycle with harvest in September to November, and replanting in March. The first crop is harvested after 16-17 months in the following year.

Petite saison: A cane planting crop cycle in which cane is harvested early (June – August) and the land is replanted immediately. The first crop is harvested after 12 months the following year.

Polarisation: Degree of polarisation of sugar, which indicates its purity

Interline: Growing of non-cane crops between cane furrows

Molasses: Final residue remaining after centrifuges and crystallization

Cess: A levy on sugar produced per crop year

Flue-cured: Tobacco leaves which are cured in barns using heat at a temperature of about 70⁰ C

Live weight: The weight taken immediately before slaughter

Carcass weight: Weight of the carcass after removal of the following parts (hide or skin, head, fore feet, hind feet, large blood vessels, offal and tail)

Wet weight: The actual ex-water weight of the catch at the time of capture for primary fish.

Per capita consumption (per caput): The per caput figure of each commodity is obtained by dividing the figure for food available for human consumption by the total population partaking of it during the reference period.