

1. AGRICULTURE

1.01 Agricultural Production on Grand Cayman, 1991 - 2000

Crop	Units	1991 ¹	1994	1995	1997	1998	1999	2000 ⁴
Avocados	('000 lbs.)	29.0	13.9	20.6	8.1	8.0	27.1	30.8
Bananas	('000 lbs.)	589.0	422.3	570.0	678.6
Breadfruit	('000 lbs.)	..	13.7	35.7	4.6	17.3	15.4	12.8
Cassava	('000 lbs.)	157.0	28.0	19.6	26.1	34.27	30.7	21.9
Coconuts	('000 lbs)	4	0.6	-	-	-
Citrus	('000s)	44.0	102.1	148.0	116.7	432.7	355.1	545.1
Eggs	('000 doz.)	17.0	7.8	0.2	..	-	-	-
Honey	('000 lbs.)	..	5.4	0.4	..	0.8	0.8	1.3
Leafy Veggies. ²	('000 lbs.)	26.0	35.2	41.9	38.1	41.2	58.2	61.1
Mangoes	('000 lbs.)	64.0	73.0	48.8	64.1	78.5	109.1	184.4
Papaya	('000 lbs.)	13.0	31.3	14.5	9.5	12.2	15.5	21.6
Plantains	('000 lbs.)	502.0	91.0	105.2	22.2	61.0	52.6	46.3
Pumpkins	('000 lbs.)	39.0	123.1	143.0	67	121.9	75.7	96.2
Sweet Potatoes	('000 lbs.)	5.0	4.4	15.0	5.2	10.1	5.8	5.7
Tomatoes	('000 lbs.)	40.0	10.4	15.0	8.6	30.3	25.7	16.8
Melons	('000 lbs.)	3.0	21.1	5.5	9.2	11.7	17.4	17.4
Yams ³	('000 lbs.)	566.0	73.2	44.8	4.3	20.2	39.5	38.6

Notes:

¹ Agricultural baseline study plus estimates.

² Calaloo and Pakchoi.

³ Includes Cayman Brac from 1991.

⁴ **More recent data was not available at the time of publication**

Source: Department of Agriculture

1.02 Livestock in Grand Cayman, 1991 - 1994

Mid-Year Counts For:	1991 ¹	1992	1993	1994 ⁴
Cattle	1,453	1,338	128	1,664
Pigs	566	388	310	483
Goats	105	269	256	430
Poultry ('000)	2.4 ²	5.0	5.0	... ³

NOTES:

¹ Agricultural Baseline Study .

² Northward Prison plus Baseline Study.

³ There are no reliable estimates of poultry since the largest flock, which comprised 90% of the poultry population, was depopulated following an outbreak of disease.

⁴ **More recent data was not available at the time of publication.**

Source: Department of Agriculture

5. ENVIRONMENT

5.01

Weather Synopsis, 1998 - 2007

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	
Highest daily											
temperature	- deg. F	93.0	93.0	93.8	94.0	93.0	93.2	94.5	92.9	92.1	92.0
	- Date	7th Jun.	16th Aug.	24th Jun.	4th Jul. 13th Aug. 19th Sept.	30th Jun. 10th Jul. 14th Sept.	11th Aug.	3rd Aug.	11th Sep	20th sep	2nd Aug
Lowest daily											
temperature	- deg. F	67.0	63.0	59.0	63.0	67.7	68.0	62.3	62.2	68.2	65.1
	- Date	10th Feb. 26th Dec.	28th Feb. 29th Dec.	20th Jan. 11th Feb.	7th Jan.	17th Feb.	10th Jan. 22nd Jan.	4th April	22nd Jan	7th Mar	18th Apr
Annual average											
temperature	- deg. F	82.5	81.8	81.6	82.5	83.2	83.2	83.0	82.4	82.4	82.6
Total											
precipitation	- inches	62.3	79.8	45.7	55.8	63.5	72.6	51.91	71.64	66.48	53.09
Most rain in 24 hour											
period	- inches	4.5	6.0	4.9	5.6	6.9	9.5	12.1	7.4	4.2	3.2
	- Month	Feb.	Jul.	Dec.	May	Sep.	Jan.	Sept.	Nov.	Jun.	Oct
	- Day	2nd	31st	2nd	14th	19th	18th	12th	17th	8th	9th
Number of days:											
	- rain ¹	153	180	161	148	179	178	142	160	179	180
	- clear	45	28	39	12	20	18	12	11	9	1
	- partly cloudy	268	265	242	247	251	249	266	199	200	230
	- cloudy	52	72	85	106	92	98	85	155	156	134

Note:
¹ At least 0.01 inches of rain

Source: Meteorological Department, Cayman Islands Airport Authority

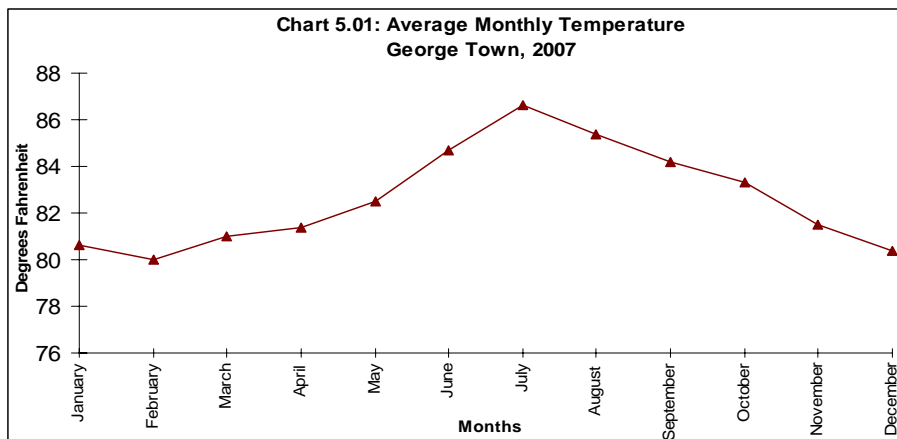
5.02

 Temperature¹, 1998 - 2007

	<i>Degrees Fahrenheit</i>									
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
January	79.9	79.7	<u>76.8</u>	<u>76.1</u>	<u>79.6</u>	<u>77.6</u>	<u>78.8</u>	78.3	78.8	80.6
February	79.0	<u>77.9</u>	77.7	80.0	80.1	81.4	80.5	<u>77.9</u>	<u>77.9</u>	<u>80.0</u>
March	<u>78.8</u>	79.5	79.2	79.8	81.7	82.8	80.5	81.0	80.0	81.0
April	80.8	82.4	81.1	81.7	82.4	82.4	81.2	82.8	81.5	81.4
May	83.3	83.5	82.6	82.5	83.9	85.0	83.2	84.1	84.0	82.5
June	85.3	84.7	84.4	86.0	85.0	84.4	85.9	85.0	84.0	84.7
July	85.2	84.4	85.3	86.1	86.5	85.9	85.3	85.5	85.4	86.6
August	85.9	85.3	85.4	86.7	85.7	86.0	86.0	86.0	85.7	85.4
September	85.6	84.3	84.2	86.0	84.6	85.3	85.9	85.9	85.2	84.2
October	83.4	82.5	82.9	84.0	84.2	84.6	85.9	82.3	84.3	83.3
November	82.2	79.3	81.5	80.0	83.0	83.0	82.6	81.6	81.1	81.5
December	80.5	78.0	78.6	80.7	81.2	80.0	80.3	80.3	81.4	80.4
Annual Avg.	82.5	81.8	81.6	82.5	83.2	83.2	83.0	82.6	82.4	82.6

Notes:

Lowest values are underlined and highest values are boldfaced.

¹ Average monthly temperatures in George Town, Grand Cayman


Source: Meteorological Department, Cayman Islands Airport Authority

5.03

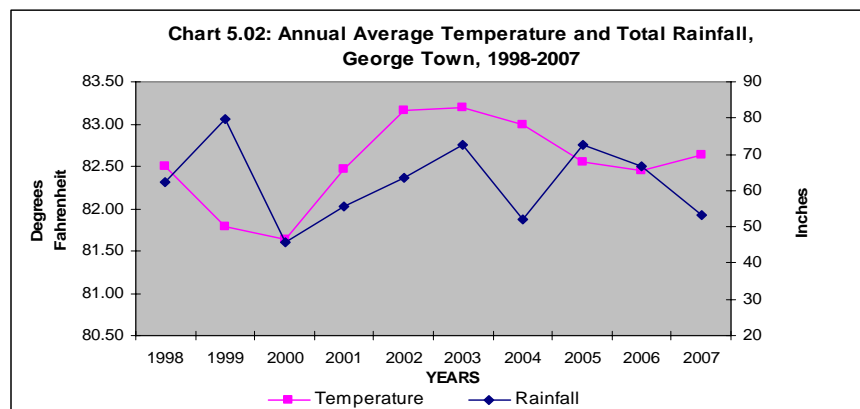
Rainfall, 1998 - 2007

	1998	1999	2000	2001*	2002*	2003*	2004*	2005*	2006*	2007
<i>Inches</i>										
GEORGE TOWN										
January	<u>0.69</u>	2.65	3.24	4.14	0.96	11.42	0.98	0.30	0.93	<u>0.43</u>
February	4.85	2.33	0.29	0.60	0.75	0.34	0.17	<u>0.12</u>	1.49	0.26
March	1.93	0.53	<u>0.00</u>	<u>0.22</u>	<u>0.69</u>	0.36	2.19	1.15	<u>0.02</u>	0.71
April	1.19	0.99	3.24	0.56	0.81	<u>0.17</u>	<u>0.03</u>	1.07	0.63	1.61
May	4.17	7.59	2.76	12.10	14.14	9.18	3.90	1.62	2.60	10.86
June	5.37	3.51	2.89	1.81	3.09	15.45	0.99	11.94	14.64	8.04
July	4.48	11.96	2.47	2.37	2.68	4.43	9.06	12.24	9.65	3.63
August	6.49	5.54	4.09	4.25	8.88	4.34	10.23	7.47	4.94	4.54
September	5.13	9.84	9.26	5.81	18.72	12.15	20.55	6.42	11.25	5.56
October	22.06	14.82	3.07	13.70	4.44	10.92	2.49	16.17	9.92	13.25
November	3.15	19.83	1.76	9.36	4.32	1.98	1.06	12.00	4.50	1.75
December	2.80	<u>0.20</u>	12.67	0.85	3.99	1.88	0.28	2.03	5.91	2.45
Annual Avg.	5.19	6.65	3.81	4.65	5.29	6.05	4.33	6.04	5.54	4.42
Annual Total	62.31	79.79	45.74	55.77	63.47	72.62	51.93	72.53	66.48	53.09
BODDEN TOWN	117.20	98.90	56.56	52.13	56.24	61.30	34.17	68.40	62.40	73.50
WEST BAY	52.70	63.88	41.51	49.27	41.32	33.15	13.35	48.90	30.30	36.90
EAST END	79.48	49.45	66.29	58.94	58.23	58.03	25.83	61.60	61.80	63.20

Notes:

*Revised

Lowest values are underlined and highest values are boldfaced.



Source: Meteorological Department

5.04

Humidity, 1998 - 2007

	1998	1999	2000	2001	2002	2003	2004	2005	2006	Percent 2007
January	78	78	76	76	80	81	73	73	76	78
February	74	76	75	78	80	79	76	72	79	77
March	79	73	72	73	77	77	74	75	73	75
April	75	75	77	76	74	75	72	73	74	75
May	77	77	78	77	80	75	75	76	73	79
June	79	78	77	76	80	78	74	80	81	80
July	79	74	76	76	78	79	76	79	77	74
August	79	78	79	79	79	77	78	78	78	77
September	80	79	81	78	81	78	76	77	77	78
October	84	81	77	82	80	79	72	82	79	81
November	81	81	76	80	80	76	71	80	77	76
December	78	75	83	81	82	75	72	79	82	76
Annual Average	78.6	77.1	77.3	77.7	79.3	77.4	74.1	77.0	77.2	77.2

Note:

Highest values are boldfaced

Source: Meteorological Department, Cayman Islands Airport Authority

5.05

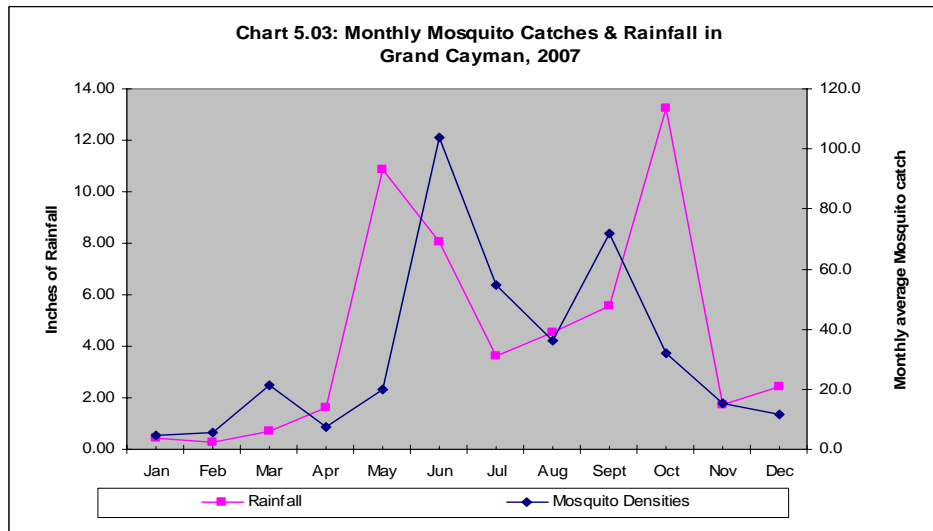
Mosquito Densities¹, Grand Cayman, 1998 - 2007

	<i>Average catch per trap per night</i>									
	1998	1999	2000	2001	2002	2003	2004*	2005	2006	2007
January	90.0	81.0	62.0	171.0	77.4	40.8	24.5	33.7	14.7	4.4
February	96.0	87.0	83.0	174.1	62.9	35.6	8.3	12.6	8.2	5.4
March	107.0	78.0	33.0	55.5	25.2	45.5	4.6	7.1	4.1	21.2
April	56.0	36.0	22.0	36.2	11.3	21.2	4.7	4.9	18.0	7.4
May	37.0	31.0	49.0	110.5	20.7	71.7	0.7	8.3	8.1	19.8
June	113.0	59.0	73.0	67.2	182.7	261.4	6.5	36.2	50.9	103.7
July	256.0	198.0	58.0	62.0	195.7	156.9	12.2	19.1	66.5	54.6
August	272.0	258.0	79.0	206.6	60.7	144.4	59.9	10.5	108.8	36
September	338.0	439.0	221.0	134.5	82.7	150.8	N/A	27.5	25.2	71.9
October	165.0	421.0	252.0	247.8	94.8	63.5	N/A	95.5	40.7	32.1
November	102.0	96.0	102.0	140.4	94.3	33.0	N/A	27.5	30.3	15.5
December	96.0	61.0	349.0	138.9	86.9	29.3	N/A	8.5	22.2	11.7
Annual Average	144.0	153.8	115.3	128.7	82.9	87.8	15.2	24.3	33.1	32.0
Number of traps	28	28	28	28	28	29	29	31	31	31

Notes:

¹ From island wide network of New Jersey light traps. A dozen or so species are included. The most common species has been the Salt Marsh mosquito: *Aedes taeniorhynchus*

* Mosquito collection equipment was destroyed in Hurricane Ivan.



Source: Mosquito Research and Control Unit