

AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA, 1982



KINGS COUNTY
DEPARTMENT OF AGRICULTURE

** PERSONNEL **

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

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X X

CROP REPORT COVER: Tiling in Kings County: Reclamation of
Marginal Land.

(Photo courtesy of California Arizona COTTON)



KINGS COUNTY
DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS
AND MEASURES

P. O. BOX C - 280 CAMPUS DRIVE

HANFORD, CALIFORNIA 93230

(209) 582-3211

April 1, 1983

Mr. Clare Berryhill, Director
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Kings

Gentlemen:

I am pleased to submit this 1982 Agricultural Crop Report, which was compiled in accordance with Section 2279 of The California Food and Agricultural Code.

The gross value of agricultural crops and products grown in Kings County during the calendar year 1982 was \$590,462,672., a 1.29% reduction in value from 1981.

Good yields were received for most crops, but depressed prices during the year accounted for the decrease in overall value. Cotton, Kings County's leading field crop, reflected again a decrease (9 million dollars) from last year.

Reduced acreage and prices were reflected in all cereal crops. Lower returns were also received for most vegetable and seed crops.

All figures in this report are gross returns and do not indicate net income, or profit received by growers.

A special thanks to the many individuals and organizations for their assistance in contributing their time and information for this report, and to Diane Reeves of my staff, who compiled the report.

Respectfully submitted,

M. Hugh Handley
Agricultural Commissioner
Sealer of Weights and Measures

MHH:dod

TILING IN KINGS COUNTY:
RECLAMATION OF MARGINAL LAND

" . . .it is only too plain that where conditions are persistently maintained which allow the formation of the salts without permitting them to be removed by any cause whatsoever, there must come a time, sooner or later, when the amounts produced and accumulated in the soil shall reach the degree of concentration which is intolerable to cultivated crops."

-F.H. King in "Irrigation and Drainage Principles and Practice of their Cultural Phase"

That time has come in Kings County. Efforts to grow crops on the Tulare Lake Basin at the Southern end of the county are hampered by salty soil conditions. The ancestral lake basin is composed of sand layers overlain or underlain by layers of clays or other slowly impermeable soils. When irrigation water is applied, this slows the percolation of the excess, causing a perched water table to form.

To correct this problem, J.W. Farms of Corcoran, has undertaken one of the single largest tiling projects in the world, consisting of 10,888 acres.

Tiling is not new to the United States. In 1835, John Johnson of Seneca County, New York, brought patterns for molding clay tile by hand from Scotland. That was the beginning of modern tile drainage in the U.S. The use of tile spread rapidly and by 1882, more than 30,000 miles were laid in the State of Indiana alone.

Since that time, clay tile has given way to high density polyethylene drainage tubing. It removes excess water through a continuous line laid at a specified depth and grade. Free water enters through tile joints and flows out by gravity. At J.W. the water goes to one of eight large sumps where most of it is pumped to their own evaporation ponds. Of the 17 sections tiled, J.W. handles the water from 13.5 sections. Almost 1.2 million linear feet of tubing, installed seven to 9½ feet deep and spaced 500 feet apart, moves the water. The remaining water goes to the Tulare Lake Drainage System.

J.W. expects to see returns on their \$250.00 per acre project within the next two years in the way of increased yields and land value. Only time will tell, but with the positive results already seen and those expected, the future looks good for the reclamation of salty soils for agricultural use in Kings County.

ANNUAL CROP REPORT
FOR YEAR 1982

KINGS COUNTY DEPARTMENT OF AGRICULTURE

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES

KINGS COUNTY
BOARD OF SUPERVISORS

LESLIE K. BROWN DISTRICT I
JOE HAMMOND DISTRICT II
DOM FARUZZI DISTRICT III
DOYLE DAVIS DISTRICT IV
ABEL MEIRELLES. DISTRICT V

COUNTY ADMINISTRATIVE OFFICER

MILTON D. McCOY

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CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL				TOTAL
Barley	1982	42,899	1.47	63,062	Ton	\$ 117.00	\$	7,378,255
	1981	90,000	1.55	139,500	Ton	\$ 128.00	\$	17,856,000
Corn	1982	17,044	1.56	26,589	Ton	102.00		2,712,080
	1981	14,000	2.87	40,180	Ton	120.00		4,821,600
Cotton Lint	1982	274,361	2.36	647,492	495-lb. Bale	319.00		206,549,950
	1981	309,000	2.17	670,530	495-lb. Bale	322.00		215,910,660
Cotton Seed	1982			281,342	Ton	101.00		28,415,540
	1981			291,345	Ton	95.00		27,677,775
Cotton Planting Seed	1982			5,609	Ton	150.00		841,350
	1981			6,370	Ton	121.00		770,770
Hay Alfalfa	1982	38,097	7.88	300,204	Ton	84.00		25,217,135
	1981	46,300	6.22	287,986	Ton	72.00		20,734,992
Grain	1982	2,784	3.50	9,744	Ton	60.00		584,640
	1981	1,907	7.61	14,512	Ton	70.00		1,015,840
Pasture Irrigated	1982	12,500			Acre	112.00		1,400,000
	1981	12,000			Acre	105.00		1,260,000
Range	1982	218,000			Acre	2.00		436,000
	1981	218,000			Acre	2.00		436,000
Other	1982	44,500			Acre	18.00		801,000
	1981	45,000			Acre	18.00		810,000
Safflower	1982	35,390	1.10	38,929	Ton	301.00		11,717,630
	1981	30,509	.89	27,153	Ton	350.00		9,503,550

Screenings	1982			4,220	Ton	53.00	223,660
	1981			3,510	Ton	50.00	175,500
Silage Corn	1982	14,950	21.10	315,445	Ton	14.68	4,630,735
	1981	11,500	20.85	239,775	Ton	14.50	3,476,738
Other	1982	12,044	12.32	148,382	Ton	14.00	2,077,350
	1981	5,700	14.28	81,396	Ton	14.00	1,139,544
Sorghum Grain	1982	8,583	2.34	20,084	Ton	90.00	1,807,560
	1981	12,950	2.06	26,677	Ton	95.00	2,534,315
Dry Beans	1982	1,118	.90	1,006	Ton	396.00	398,375
	1981	219	1.02	223	Ton	225.00	50,175
Straw	1982			8,039	Ton	35.00	281,365
	1981			14,455	Ton	25.00	361,375
Sugar Beets	1982	1,259	28.59	35,994	Ton	32.50	1,169,805
	1981	2,532	22.00	55,704	Ton	32.00	1,782,528
Wheat	1982	67,022	1.97	132,033	Ton	130.00	17,164,290
	1981	85,000	2.61	221,850	Ton	135.00	29,949,750
Miscellaneous <u>a/</u>	1982	2,474					565,480
	1981	3,458					1,410,230
TOTAL	1982	793,025					\$314,372,000
	1981	888,075					\$341,677,342

a/ Dry Beans, Rice

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

FIELD CROPS - Cont'd

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

FRUIT AND NUT CROPS

CROP	YEAR	UTILIZATION	ACREAGE		PRODUCTION		VALUE	
			BEARING	NON BEARING	PER ACRE	TOTAL TONS	PER TON	TOTAL
Almonds - Meats	1982	Dried	3,436	320	.57	1,959	\$ 1,613.00	\$ 3,159,865
	1981	Dried	4,535	496	.42	1,909	2,000.00	3,818,000
Almonds - Hulls	1982					3,252	60.00	195,120
	1981					3,169	52.00	164,790
Apricots	1982	Fresh				317	717.00	227,289
		Processed				419	150.00	62,850
		Total	143	61	5.15	<u>736</u>		<u>290,139</u>
	1981	Fresh				198	700.00	138,600
	Processed				262	272.00	71,264	
	Total	121	72	3.8	460		209,864	
Grapes Raisin Varieties	1982	Fresh				828	695.00	575,460
		Dried				2,973	1,300.00	3,864,900
		Crushed				12,714	117.00	1,487,538
		Total	2,247	257		<u>16,515</u>		<u>5,927,898</u>
	1981	Fresh				779	400.00	311,600
		Dried				2,797	1,300.00	3,636,100
Crushed					11,961	200.00	2,392,200	
	Total	2,154	231	7.21	<u>15,537</u>		<u>6,339,900</u>	
Wine Varieties	1982	Crushed	1,074	375	10.55	11,331	124.00	1,405,045
	1981	Crushed	1,029	210	6.04	6,215	230.00	1,429,450
Table Varieties	1982	Fresh	112	93	6.04	676	794.00	536,745
	1981	Fresh	52	70**	6.40	333	1,046.00	348,318
Total - All Grapes	1982		3,433	725				7,868,685
	1981		3,235	469				8,117,668
Kiwi	1982	Fresh	179	87	2.92	523	1,857.00	971,210
Nectarines	1982	Fresh	748	379	7.60	5,685	292.00	1,660,020
	1981	Fresh	665	278	8.72	5,799	299.00	1,733,901

Olives	1982		1,167	0	5.31	6,197	\$ 475.00	\$ 2,943,575
	1981		1,162	5	1.20	1,394	623.00	
Peaches Clingstone	1982	Processed	1,255	198	20.00	25,100	190.00	4,769,000
	1981	Processed	1,163	113	15.90	18,492	182.00	3,365,544
Freestone	1982	Fresh				10,657	470.00	5,008,790
		Processed				140	118.00	16,520
		Total	1,333	449	8.10	10,797		5,025,310
	1981	Fresh				7,697	393.00	3,024,921
		Processed				667	127.00	84,709
		Total	865	421	9.67	8,364		3,109,630
Total - All Peaches	1982		2,588	647		35,897		9,794,310
	1981		2,028	534		26,856		6,475,174
Pistachios	1982		2,852	1,013	1.00	2,852	3,020.00	8,613,040
	1981		2,842	32	.33	938	3,200.00	3,001,600
Plums	1982	Fresh	1,057	426	2.15	2,273	848.00	1,927,504
	1981	Fresh	993	213	6.36	6,315	592.00	3,738,480
Walnuts	1982	Dried	3,829	250	1.32	5,054	1,064.00	5,377,456
	1981	Dried	3,583	744	1.61	5,769	960.00	5,538,240
Miscellaneous <u>a/</u>	1982		209	38				244,229
	1981		398	203				730,015
TOTAL	1982		19,641	3,946				43,045,153
	1981		19,562	3,088**				34,396,194

a/ Pecans, Persimmons, Pomegranates, Quince, Apples, Prunes

**Revised

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
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FRUIT AND NUT CROPS - Cont'd.

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

KINGS COUNTY
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VEGETABLE CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	UTILIZATION	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
				PER ACRE	TOTAL			PER UNIT	TOTAL
Cantaloupes	1982	Fresh	1,600	319	510,000	70 lb. Crate	\$ 2.50	\$	1,276,000
	1981	Fresh	1,709	253	432,377	70 lb. Crate	9.23		3,990,340
Lettuce	1982	Fresh	2,760	614	1,694,640	43 lb. Carton	4.56		7,727,558
	1981	Fresh	2,980	675	2,011,500	43 lb. Carton	4.06		8,166,690
Onions	1982	Proc.	1,443	16.00	23,088	Ton	75.00		1,731,600
	1981	Proc.	320	17.00	5,440	Ton	75.00		408,000
Peppers, Chili	1982	Dried	612	1.96	1,200	Ton	960.00		1,152,000
	1981	Dried	530	2.00	1,060	Ton	1,120.00		1,187,200
Tomatoes	1982	Fresh	243	12.75	3,098	Ton	408.00		1,263,984
Squash	1982	Fresh	245	9.00	2,205	Ton	290.00		639,450
Watermelons	1982	Fresh	204	16.00	3,264	Ton	70.00		228,480
	1981	Fresh	106	20	2,120	Ton	120.00		254,400
Miscellaneous <u>a/</u>	1982		2,143						3,642,316
	1981		1,023						4,762,369
TOTAL	1982		9,005					\$	17,021,938
	1981		7,268						18,769,000

a/ Includes Cauliflower, Broccoli, Carrots, Cabbage, Chinese Cabbage, Stringbeans, Cucumbers, Processed Tomatoes, Eggplant, Casaba, Garlic, Bell Peppers, Sweet Corn, Asparagus, Turnips, Potatoes, Crenshaw Melons, Honeydew Melons, Persian Melons

SEED CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL			PER UNIT	TOTAL
Certified Seed								
Alfalfa	1982	28,566	635	18,139,140	lb.	\$ 1.12	\$ 20,316,140	
	1981	26,693	656	17,510,608	lb.	1.25	21,888,260	
Barley	1982	2,509	2,940	7,376,460	lb.	.06	442,590	
	1981	2,451	3,440	8,431,440	lb.	.10	843,145	
Safflower	1982	0	0	0	lb.	.00	0	
	1981	816	1,780	1,452,480	lb.	.22	319,545	
Wheat	1982	6,318	3,940	24,892,920	lb.	.07	1,742,505	
	1981	6,468	5,200	33,633,600	lb.	.11	3,699,695	
Cotton	1982	0	0	0	lb.	0	0	
	1981	660	1,880	1,240,800	lb.	.069	85,615	
Other Seed								
Lettuce	1982	213	498	106,074	lb.	3.13	332,010	
	1981	1,236	419	517,884	lb.	2.29	1,185,955	
Uncertified Alfalfa	1982	14,135	635	8,975,725	lb.	1.10	9,873,300	
	1981	5,206	785	4,086,710	lb.	1.22	4,985,785	
Miscellaneous <u>a/</u>	1982	487					2,681,450	
	1981	607					601,305	
TOTAL	1982	52,228					\$ 35,387,995	
	1981	42,901					32,423,350	

a/ Flower, Eggplant, Onion, Snap Bean, Watermelon, Cabbage, Cucumber, Squash, Radish

	Year	Acres	NURSERY PRODUCTS		Unit	Per Unit	Total
			Quantity	Sold			
Dec. Fruit & Nut Trees	1982	26	121,500		Plant	.78	\$94,700
	1981	4	100		Plant	6.00	600
Vegetable & Flower	1982	2	2,200		Plant	1.55	3,410
	1981	2	2,300		Plant	1.52	3,496
Plants in Flats, Bulbs	1982	28	123,700				98,180
	1981	6	2,400				4,096
Total							

LIVESTOCK AND POULTRY

ITEM	YEAR	PRODUCTION		UNIT	PER UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT			TOTAL	TOTAL
Cattle & Calves	1982	130,014	822,028	Cwt.	\$ 59.40	\$ 48,828,463	
	1981	119,652	829,914	Cwt.	57.40	47,637,060	
Sheep & Lambs	1982	26,882	29,660	Cwt.	55.80	1,655,028	
	1981	25,123	27,635	Cwt.	56.30	1,555,850	
Hogs & Pigs	1982	1,300	286,000	lb.	.58	165,880	
	1981	1,200	264,000	lb.	.48	126,720	
Turkeys	1982	1,620,000	32,400,000	lb.	.39	12,636,000	
	1981	1,530,000	30,600,000	lb.	.41	12,546,000	
Fish - Catfish	1982		263,500	lb.	1.70	447,950	
	1981		264,000	lb.	1.70	448,800	
Miscellaneous <u>a/</u>	1982					561,270	
	1981					877,045**	
TOTAL	1982					\$ 64,294,591	
	1981					\$ 63,191,475**	

a/ Geese, Fryers, Other Chickens, Chicken Eggs

**Revised

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

ITEM	January 1, 1982	January 1, 1983
Milk Cows 2 Years and Over	63,117	59,961
Cattle and Calves On Feed	6,126	4,595
Other Cattle and Calves	50,579	53,361
Total	<u>119,822</u>	<u>117,917</u>
Sheep and Lambs	39,608	28,938
Hogs and Pigs	480	520
Hens and Pullets	269,000	210,000

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Milk Market	1982	8,229,000	Cwt.	\$ 13.34	\$109,774,860
	1981	7,718,000	Cwt.	13.33	102,881,000
Manufacturing	1982	6,000	Cwt.	12.42	74,520
	1981	21,400	Cwt.	12.55	268,570
Wool	1982	245,974	lb.	.92	226,296
	1981	339,441	lb.	.98	332,650
TOTAL	1982				\$110,075,676
	1981				103,482,220**

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Honey	1982	5,475,640	lb.	.57	\$ 3,121,115
	1981	4,563,800	lb.	.51	2,327,538
Beeswax	1982	136,891	lb.	1.51	206,705
	1981	91,276	lb.	1.98	180,726
Pollination	1982	136,891	Col.	20.74	2,839,119
	1981	91,276	Col.	19.16	1,748,848
TOTAL	1982				\$ 6,166,939
	1981				4,257,111

** Revised

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
HANFORD, CALIFORNIA 93230

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

1982 CROP SUMMARY

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

Field Crops	\$314,372,200	Seed Crops	\$ 35,387,995
Fruit and Nut Crops	43,045,153	Vegetable Crops	17,021,938
Livestock and Poultry	64,294,591	Nursery Products	98,180
Livestock and Poultry Products	110,075,676	Apiary Products	6,166,939
GRAND TOTAL			\$590,462,672

5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	1978	1979	1980	1981	1982
Field Crops	\$ 167,082,000	\$ 289,011,630 **	\$ 378,527,295	\$341,677,342	\$ 314,372,200
Acreage	828,525	816,001	808,836	888.075	793,025
Fruit and Nut Crops	26,847,180	37,515,140 **	42,738,819 **	34,396,194	43,045,153
Acreage	19,508	20,330**	20,664	19,562	19,641
Livestock and Poultry	48,965,000	75,283,225 **	70,917,370	63,191,475**	64,294,591
Livestock and Poultry Products	74,641,000	88,839,600	98,802,450	103,482,220**	110,075,676
Seed Crops	13,840,845	25,740,260	21,865,195 **	32,423,350	35,387,995
Acreage	37,965	37,541	31,990 **	42,901	52,228
Vegetable Crops	9,852,000	18,466,000 **	18,703,410	18,769,000	17,021,938
Acreage	5,985	9,733	8,186	7,268	9,005
Nursery Products	114,000	119,000	2,688 **	4,096	98,180
Apiary Products	1,844,000	2,174,000	2,877,855	4,257,112	6,166,939
TOTALS	\$ 343,186,025	\$ 537,148,855 **	\$ 635,233,678	598,200,789	\$ 590,462,672

**Revised

MILLION DOLLAR CROPS - 1982

Cotton Lint	\$206,549,950	Almonds	\$ 3,159,865
Market Milk	109,774,860	Honey	3,121,115
Cattle and Calves	48,828,463	Olives	2,943,575
Cotton Seed	28,415,540	Pollination	2,839,119
Alfalfa Hay	25,217,135	Corn	2,712,080
Certified Alfalfa Seed	20,316,140	Other Silage	2,077,350
Wheat	17,164,290	Plums	1,927,504
Turkeys	12,636,000	Sorghum Grain	1,807,560
Safflower	11,717,630	Certified Wheat Seed	1,742,505
Uncertified Alfalfa Seed	9,873,300	Onions	1,731,600
Peaches	9,794,310	Nectarines	1,660,020
Pistachios	8,613,040	Sheep & Lambs	1,655,028
Grapes	7,868,685	Irrigated Pasture	1,400,000
Lettuce	7,727,558	Cantaloupe	1,276,000
Barley	7,378,255	Fresh Tomatoes	1,263,984
Walnuts	5,377,456	Sugar Beets	1,169,805
Corn Silage	4,630,735	Chili Peppers	1,152,000

General Kings County Information

County Seat	Hanford
County Population	73,738
Population per Square Mile	52.9
Total Assessed Value	\$1,699,400,000
Land Area (Square Miles)	1,396
Total Acres	893,280
Number of Farms (1978)	1151
Land in Farms (Acres)	860,816
Total Cropland (Acres)	613,373
Irrigated Cropland (Acres)	556,446
Total Agricultural Work Force	7,190
Public Ownership of Land (Acres):	
Federal	30,974 (3.5%)
State	3,452 (.4%)
County & City	9,951 (1.1%)
School & Special Districts	4,426 (.4%)

Agricultural production ranked 10th among California counties and 20th among U.S. counties (Based on 1980 total value).

Railroads - Santa Fe, Southern Pacific

Major Roads - Interstate 5, Highway 41, Highway 43 & Highway 198

Water Sources - Kings River, Tule River, Kaweah River, Kern River & California Aquaduct

Elevation - 225 to 250 feet above sea level (800 feet in the Kettleman Hills)

Average length of growing season: 257 days

Average date of first fall frost: November 18

Average date of last spring frost: March 3

Average climate: 196 sunny clear days, 74 partly cloudy days, 95 cloudy days

Hanford, California
Rainfall Table

	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Total
1934-35	.14	0.00	0.00	0.00	.61	2.60	1.84	2.50	1.72	2.06	2.05	0.00	13.52
1935-36	0.00	0.00	0.00	.01	.56	.40	.89	.41	4.87	.97	.55	0.00	8.56
1936-37	0.00	0.00	0.00	0.00	1.84	0.00	2.83	1.99	2.46	2.23	.22	0.00	11.57
1937-38	0.00	0.00	0.00	0.00	.11	.21	2.16	1.76	3.51	4.57	1.15	.11	13.58
1938-39	.17	.07	0.00	.13	.19	.16	1.37	1.54	.77	1.44	.91	0.00	6.75
1939-40	.12	0.00	0.0	.04	.57	.06	.22	3.53	3.61	.99	.18	0.00	9.32
1940-41	0.00	0.00	0.00	0.00	.85	0.00	3.65	1.51	3.90	1.82	2.64	0.00	14.37
1941-42	0.00	0.00	0.00	0.00	.86	.50	3.32	.91	.88	.50	1.19	.16	8.32
1942-43	0.00	0.00	0.00	0.00	0.00	.43	.86	2.74	1.14	3.36	.84	0.00	9.37
1943-44	0.00	0.00	0.00	0.00	.03	.21	1.03	1.30	2.80	.39	.86	.28	6.90
1944-45	0.00	0.00	0.00	.02	.23	2.25	1.05	.27	2.69	1.81	.16	.10	8.58
1945-46	.18	0.00	0.00	.01	.62	1.15	1.61	.34	1.52	2.57	.07	.41	8.48
1946-47	0.00	.11	0.00	0.00	1.49	1.10	1.64	.33	.49	.51	.66	.33	6.66
1947-48	.01	0.00	0.00	0.00	.47	.29	.51	0.00	.43	1.49	1.56	.55	5.31
1948-49	.53	0.00	0.00	0.00	0.00	.03	.01	.99	.51	.85	1.94	.07	4.93
1949-50	0.00	0.00	0.00	0.00	0.00	0.00	.60	.68	1.48	1.13	1.10	.40	5.39
1950-51	.07	0.00	.08	0.00	0.00	.34	.63	1.06	1.24	.76	.22	1.17	5.57
1951-52	.02	0.00	0.00	0.00	.08	1.11	2.39	3.03	.27	2.18	.79	.01	9.88
1952-53	.02	0.00	0.00	.17	.05	.65	2.96	1.10	.27	.34	.83	.29	6.68
1953-54	.08	0.00	0.00	0.00	.02	1.01	.09	1.89	.78	2.21	.52	.34	6.94
1954-55	0.00	0.00	0.00	0.00	0.00	.66	1.61	3.25	1.31	.43	.69	.90	8.85
1955-56	0.00	0.00	0.00	0.00	.02	.92	4.67	1.10	.38	.10	.73	.77	8.69
1956-57	.07	0.00	0.00	0.00	.73	0.00	.15	1.39	1.22	.5	.88	.61	5.60
1957-58	0.00	0.00	0.00	0.00	.20	1.19	1.41	1.85	2.30	3.93	2.38	.24	13.50
1958-59	0.00	0.00	.11	.11	0.00	.23	.16	1.35	1.90	.11	.52	0.00	4.49
1959-60	0.00	0.00	0.00	.11	0.00	0.00	.17	.80	1.71	.61	.57	0.00	3.97
1960-61	0.00	.02	0.00	.53	0.00	2.61	.03	1.34	.22	.67	.22	.37	6.01
1961-62	0.00	0.00	0.00	0.00	0.00	1.11	1.28	.71	4.88	1.06	0.00	.11	9.15
1962-63	0.00	0.00	0.00	.01	.10	0.00	.19	1.19	1.68	1.37	2.88	.56	7.97
1963-64	.17	0.00	0.00	.33	.75	1.23	.31	.61	.02	.94	.64	.20	5.20
1964-65	0.00	0.00	.34	0.00	.95	1.31	1.44	1.18	.33	.33	1.57	0.00	7.45
1965-66	0.00	0.00	.05	.07	.05	2.15	1.97	.63	.71	.10	0.00	.07	5.80
1966-67	.06	.04	0.00	.29	.09	1.28	2.57	1.41	.05	2.42	2.95	.07	11.23
1967-68	.23	0.00	0.00	.31	0.00	1.99	.50	.62	.64	1.00	.50	.08	5.87
1968-69	0.00	0.00	0.00	0.00	1.33	.98	1.64	6.69	4.54	.79	.85	.32	17.14
1969-70	.21	.07	.00	.15	.05	.51	.70	1.60	1.33	1.42	.14	.00	6.18
1970-71	0.00	0.00	0.00	0.00	0.00	2.40	1.23	.35	.19	.23	.40	1.44	6.24
1971-72	0.00	0.00	0.00	.04	.06	.41	1.87	.04	.35	0.00	.23	0.00	3.00
1972-73	0.00	0.00	0.00	2.4	.21	2.90	.65	2.44	2.29	2.20	.12	0.00	11.05
1973-74	0.00	0.00	0.00	0.00	.76	.46	.94	2.97	.13	1.75	.03	0.00	7.04
1974-75	0.00	0.00	0.00	0.00	.65	.24	1.40	.09	2.26	1.24	.49	0.00	6.37
1975-76	0.00	0.00	0.00	.98	.76	.05	.22	0.00	2.94	.19	1.47	.03	6.64
1976-77	.01	0.00	.22	1.47	0.00	1.15	.96	.96	.03	.43	0.00	.01	5.24
1977-78	.07	0.00	0.00	0.00	.05	.06	2.85	2.22	5.05	4.12	1.71	0.00	16.13
1978-79	0.00	0.00	0.00	1.10	0.00	.79	.50	1.84	1.61	1.16	.03	0.00	7.03
1979-80	0.00	.04	0.00	.08	.41	.62	.41	2.90	2.71	1.28	.05	.04	8.54
1980-81	0.00	0.00	0.00	0.00	.09	.00	.21	1.80	.86	2.10	.68	.17	5.91
1981-82	0.00	0.00	0.00	0.00	.76	1.08	.29	--	--	--	--	--	----
1982-83	.45	.18	.00	.64	1.03	2.15	.71						
													48 Year Total Rainfall 385.68
													Average Rainfall 8.035 in