



AGRICULTURAL CROP REPORT

KINGS COUNTY, CALIFORNIA, 1983

KINGS COUNTY
DEPARTMENT OF AGRICULTURE

** PERSONNEL **

AGRICULTURAL COMMISSIONER-SEALER OF WEIGHTS AND MEASURES

M. HUGH HANDLEY

DEPUTY AGRICULTURAL COMMISSIONER/SEALERS

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CLERICAL

Diane O'Daniel Teri Stone Arlene Elsome

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CROP REPORT COVER: Pumping stations on the Tulare Lake.

(Photo courtesy of The Hanford Sentinel)



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, 1984

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

Gentlemen:

It is my pleasure to submit this 1983 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 1983 was \$492,625,000., a 16.5% reduction in value from 1982.

Kings County agriculture experienced a disaster in 1983. Heavy seasonal rains and runoff caused extensive flooding to many farms, drastically reducing their agricultural production. The flooding, coupled with acreage and gross value reductions attributed to the Federal set aside and payment in kind programs reduced the 1983 year by \$97,795,000. from 1982.

Field and seed crops sustained reduced acreages overall. Fruit and nut crops together with vegetables, however, showed good yields and value over 1982.

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 Buzz Felleke of my staff, who compiled this report.

Respectfully submitted,

M. Hugh Handley
Agricultural Commissioner
Sealer of Weights and Measures

MHH:dod

Tulare Lake - A Phantom Lake - It Comes & Goes

In 1983 It Again Came

It was said to be the largest lake west of the Rockies and the time of The Civil War, being 60 miles long and 36 miles wide and covering 800 square miles at a depth of about 22 feet.

During the last century, dams were constructed and the rivers of the nearby Sierra Mountains were diverted for irrigation and flood control. With a few years of light rainfall, the lake gradually receded and dried, and the land was slowly reclaimed from an extensive swampy lake into productive cropland.

But at least eight times during the last century, when spring runoff was heavy, the land would again flood and as much as 90,000 acres of rich cropland would go under water, recreating the lake.

The wet winter of 1983 brought heavy runoff waters again to the Tulare Lake Basin. Extensive crop plantings were flooded and Tulare Lake was filled with about 800,000 acre feet of floodwater.

During 1983, measures were taken to remove the flood water, in order again to prepare the land for agricultural production. A series of pumping stations were installed to lift the water into channels and into the Kings River for its journey on to the San Joaquin River and eventually to the Pacific Ocean.

However, the finding of White Bass, a predator fish, and not established in the San Joaquin Delta, prevented the immediate dewatering of the Tulare Lake Basin, during 1983-84.

After the White Bass spawns in the Tulare Lake, and the young fish grow to finger size, the pumps are scheduled to begin dewatering the flooded farmland. Screens installed in the channels will prevent all fish from entering the rivers downstream. If all goes as scheduled, the phantom Tulare Lake will again disappear, being replaced with many fields of agricultural crops.

ANNUAL CROP REPORT
FOR YEAR 1983

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

FIELD CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL			TOTAL	TOTAL
Barley	1983	30,378	1.46	44,352	Ton	\$ 119.00	\$ 5,278,000	
	1982	42,899	1.47	63,062	Ton	\$ 117.00	\$ 7,378,255	
Corn	1983	9,396	3.11	29,589	Ton	142.00	4,150,000	
	1982	17,044	1.56	26,589	Ton	102.00	2,712,080	
Cotton Lint	1983	189,815	2.05	389,121	495-lb. Bale	380.00	147,866,000	
	1982	274,361	2.36	647,492	495-lb. Bale	319.00	206,549,950	
Cotton Seed	1983			160,512	Ton	165.00	26,484,000	
	1982			281,342	Ton	101.00	28,415,540	
Cotton Planting Seed	1983			2,724	Ton	181.00	493,000	
	1982			5,609	Ton	150.00	841,350	
Hay Alfalfa	1983	22,150	6.05	134,007	Ton	98.47	13,196,000	
	1982	38,097	7.88	300,204	Ton	84.00	25,217,135	
Grain	1983	543	3.50	1,900	Ton	65.00	125,000	
	1982	2,784	3.50	9,744	Ton	60.00	584,640	
Pasture Irrigated	1983	12,000			Acre	105.00	1,260,000	
	1982	12,500			Acre	112.00	1,400,000	
Range	1983	220,000			Acre	2.00	440,000	
	1982	218,000			Acre	2.00	436,000	
Other	1983	45,000			Acre	18.00	810,000	
	1982	44,500			Acre	18.00	801,000	
Safflower	1983	6,680	1.24	8,283	Ton	250.00	2,071,000	
	1982	35,390	1.10	38,929	Ton	301.00	11,717,630	

Screenings	1983			2,670	Ton	\$ 44.00	\$ 117,000
	1982			4,220	Ton	53.00	223,660
Silage Corn	1983	11,316	15.78	178,566	Ton	16.00	2,857,000
	1982	14,950	21.10	315,445	Ton	14.68	4,630,735
Other	1983	3,303	22.75	75,143	Ton	15.53	1,167,000
	1982	12,044	12.32	148,382	Ton	14.00	2,077,350
Sorghum Grain	1983	2,726	1.86	5,070	Ton	114.00	578,000
	1982	8,583	2.34	20,084	Ton	90.00	1,807,560
Dry Beans	1983	1,894	1.07	2,026	Ton	718.00	1,445,000
	1982	1,118	.90	1,006	Ton	396.00	398,375
Straw	1983			16,000	Ton	25.00	400,000
	1982			8,039	Ton	35.00	281,365
Sugar Beets	1983	2,436	21.38	52,082	Ton	34.00	1,771,000
	1982	1,259	28.59	35,994	Ton	32.50	1,169,805
Wheat	1983	43,876	3.08	135,138	Ton	131.00	17,703,000
	1982	67,022	1.97	132,033	Ton	130.00	17,164,290
Miscellaneous <u>a/</u>	1983	2,077					708,000
	1982	2,474					565,480
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TOTAL	1983	603,590					\$228,929,000
	1982	793,025					314,372,000
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a/ Oats, Rice

KINGS COUNTY
DEPARTMENT OF AGRICULTURE
280 CAMPUS DRIVE
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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	1983	Dried	3,756	180	.46	1,728	\$ 2,300.00	\$ 3,974,000	
	1982	Dried	3,436	320	.57	1,959	1,613.00	3,159,865	
Almonds - Hulls	1983					2,868	75.00	215,000	
	1982					3,252	60.00	195,120	
Apricots	1983	Fresh				495	\$ 540.00	\$ 267,000	
		Processed				992	108.00	107,000	
		Total	210	6	7.08	1,487		374,000	
	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>	
Grapes Raisin Varieties	1983	Fresh				834	725.00	605,000	
		Dried				3,057	1,000.00	3,057,000	
		Crushed				13,085	110.00	1,439,000	
		Total	2,316	188		16,976		5,101,000	
	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>	
	Wine Varieties	1983	Crushed	1,290	159	7.30	9,417	141.00	1,328,000
		1982	Crushed	1,074	375	10.55	11,331	124.00	1,405,045
Table Varieties	1983	Fresh	122	83	9.60	1,171	820.00	960,000	
	1982	Fresh	112	93	6.04	676	794.00	536,745	
Total - All Grapes	1983		3,728	430				7,389,000	
	1982		3,433	725				7,868,685	
Kiwi	1983	Fresh	166	81	4.58	760	1,900.00	1,444,000	
	1982	Fresh	179	87	2.92	523	1,857.00	971,210	
Nectarines	1983	Fresh	887	300	7.87	6,981	460.00	3,211,000	
	1982	Fresh	748	379	7.60	5,685	292.00	1,660,000	

Olives	1983		1,146	0	4.94	5,661	\$ 557.00	\$ 3,153,000
	1982		1,167	0	5.31	6,197	475.00	2,943,575
Peaches								
Clingstone	1983	Processed	1,293	160	15.50	20,041	149.00	2,986,000
	1982	Processed	1,255	198	20.00	25,100	190.00	4,769,000
Freestone	1983	Fresh Processed Total	1,378	404	10.30	14,193	477.00	6,770,000
	1982	Fresh Processed Total	1,333	449	8.10	10,657 140 <u>10,797</u>	470.00 118.00	5,008,790 16,520 <u>5,025,310</u>
Total - All Peaches	1983		2,671	564		30,087		9,756,000
	1982		2,588	647		35,897		9,794,310
Pistachios	1983	Dried	3,386	789	.52	1,760	3,220.00	5,667,000
	1982	Dried	2,852	1,013	1.00	2,852	3,020.00	8,613,040
Plums	1983	Fresh	1,205	281	4.90	5,904	619.00	3,655,000
	1982	Fresh	1,057	426	2.15	2,273	848.00	1,927,504
Pomegranates	1983	Fresh	188	11	4.01	754	550.00	415,000
Walnuts	1983	Dried	4,516	514	0.98	4,425	665.00	2,943,000
	1982	Dried	3,829	250	1.32	5,054	1,064.00	5,377,456
Miscellaneous <u>a/</u>	1983		229	59				288,000
	1982		209	38				244,229
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TOTAL	1983		28,487	4,209				42,484,000
	1982		19,641	3,946				43,045,153
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a/ Asian Pear, Pecans, Persimmons, Quince, Prunes

**Revised

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

FRUIT AND NUT CROPS - Cont'd.

M. HUGH HANDLEY
AGRICULTURAL COMMISSIONER-SEALER

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

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

VEGETABLE CROPS

CROP	YEAR	UTILIZATION	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
				PER ACRE	TOTAL			PER UNIT	TOTAL
Cantaloupes	1983	Fresh	2,510	552	1,385,000	40 lb. Crate	\$ 4.37	\$ 6,055,000	
	1982	Fresh	1,600	319	510,000	70 lb. Crate	2.50	1,276,000	
Lettuce	1983	Fresh	1,693	889	1,505,077	43 lb. Carton	6.00	9,031,000	
	1982	Fresh	2,760	614	1,694,640	43 lb. Carton	4.56	7,727,558	
Onions	1983	Proc	728	14.20	10,338	Ton	72.00	744,000	
	1982	Proc.	1,443	16.00	23,088	Ton	75.00	1,731,600	
Tomatoes	1983	Proc.	2,278	25.80	58,772	Ton	53.00	3,156,000	
Tomatoes	1983	Fresh	370	16.00	5,920	Ton	312.00	1,847,000	
	1982	Fresh	243	12.75	3,098	Ton	408.00	1,263,984	
Watermelons	1983	Fresh	345	16.00	5,520	Ton	61.00	337,000	
	1982	Fresh	204	16.00	3,264	Ton	70.00	228,480	
Miscellaneous <u>a/</u>	1983		2,137					2,904,000	
	1982		2,143					3,642,316	
TOTAL	1983		10,061					\$ 24,074,000	
	1982		9,005					17,021,938	

a/ Includes Asparagus, Broccoli, Cabbage, Cauliflower, Carrot, Garlic, Egg Plant, Misc. Melon, Bell Peppers, Potatoes, Squash and Strawberries

KINGS COUNTY
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 280 CAMPUS DRIVE
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SEED CROPS

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	PER UNIT	VALUE	
			PER ACRE	TOTAL			TOTAL	TOTAL
Certified Seed								
Alfalfa	1983	15,265	630	9,616,950	lb.	\$ 1.12	\$ 10,771,000	
	1982	28,566	635	18,139,140	lb.	1.12	20,316,140	
Barley	1983	576	2,920	1,681,920	lb.	0.14	235,000	
	1982	2,509	2,940	7,376,460	lb.	.06	442,590	
Wheat	1983	2,045	6,160	12,597,200	lb.	0.11	1,386,000	
	1982	6,318	3,940	24,892,920	lb.	.07	1,742,505	
Other Seed								
Lettuce	1983	169	556	93,964	lb.	2.35	221,000	
	1982	213	498	106,074	lb.	3.13	332,010	
Uncertified Alfalfa	1983	7,647	630	4,817,610	lb.	1.09	5,251,000	
	1982	14,135	635	8,975,725	lb.	1.10	9,873,300	
Miscellaneous <u>a/</u>	1983	292					231,000	
	1982	487					2,681,450	
TOTAL	1983	25,994					\$ 18,095,000	
	1982	52,228					35,387,995	

a/ Blackeye Peas, Broccoli, Cabbage, Egg Plant, Flower, Onion & Watermelon

	YEAR	Acres	NURSERY PRODUCTS		Unit	Per Unit	Total
			Quantity	Sold			
Dec. Fruit & Nut Trees	1983	3	8,000		Plant	4.50	\$36,000
	1982	26	121,500		Plant	.78	94,700
Vegetable & Flower	1983	1	2,100		Plant	6.80	14,000
	1982	2	2,200		Plant	1.55	3,410
Plants in Flats, Bulbs	1983						50,000
	1982	28	123,700				98,180
Total							

LIVESTOCK AND POULTRY

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

ITEM	YEAR	PRODUCTION		UNIT	PER UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT			TOTAL	TOTAL
Cattle & Calves	1983	129,354	787,802	Cwt.	\$ 60.91	\$ 47,985,000	
	1982	130,014	822,028	Cwt.	59.40		48,828,463
Sheep & Lambs	1983	24,520	25,746	Cwt.	62.00	1,596,000	
	1982	26,882	29,660	Cwt.	55.80		1,655,028
Hogs & Pigs	1983	1,148	214,446	lb.	.54		116,000
	1982	1,300	286,000	lb.	.58		165,880
Turkeys	1983	1,183,547	27,221,581	lb.	.40	10,889,000	
	1982	1,620,000	32,400,000	lb.	.39		12,636,000
Fish - Catfish	1983		20,938	lb.	1.70		36,000
	1982		263,500	lb.	1.70		447,950
Miscellaneous <u>a/</u>	1983						1,531,000
	1982						561,270
TOTAL	1983						\$ 62,153,000
	1982						64,294,591

a/ Geese, Fryers, Other Chickens, Chicken Eggs
 **Revised

INVENTORIES OF LIVESTOCK & POULTRY (In Number of Head)

ITEM	January 1, 1983	January 1, 1984
Milk Cows 2 Years and Over	59,961	59,085
Cattle and Calves On Feed	4,595	8,354
Other Cattle and Calves	53,361	136,384
Total	117,917	203,823
Sheep and Lambs	28,938	14,978
Hogs and Pigs	520	353
Hens and Pullets	210,000	197,500

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE	
						TOTAL
Milk Market	1983	8,665,000	Cwt.	\$ 12.89		\$111,692,000
	1982	8,229,000	Cwt.	13.34		109,775,000
Manufacturing	1983	40,000	Cwt.	12.13		485,000
	1982	20,700**	Cwt.	12.42		258,000**
Wool	1983	129,645	lb.	.70		91,000
	1982	245,974	lb.	.92		226,296
TOTAL	1983					\$112,268,000
	1982					110,033,000**

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE	
						TOTAL
Honey	1983	5,004,720	lb.	.56		\$ 2,803,000
	1982	5,475,640	lb.	.57		3,121,115
Beeswax	1983	83,412	lb.	1.20		101,000
	1982	136,891	lb.	1.51		206,705
Pollination	1983	83,412	Col.	20.00		1,668,000
	1982	136,891	Col.	20.74		2,839,119
TOTAL	1983					\$ 4,572,000
	1982					6,166,939

** Revised

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

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

1983 CROP SUMMARY

M. HUGH HANDLEY
 AGRICULTURAL COMMISSIONER-SEALER

Field Crops	\$ 228,929,000	Seed Crops	\$ 18,095,000
Fruit and Nut Crops	\$ 42,484,000	Vegetable Crops	\$ 24,074,000
Livestock and Poultry	\$ 62,153,000	Nursery Products	\$ 50,000
Livestock and Poultry Products	\$ 112,268,000	Apiary Products	\$ 4,572,000
GRAND TOTAL		\$ 492,625,000	

5 YEAR COMPARISON OF ACREAGE AND CROP VALUES

	1979	1980	1981	1982	1983
Field Crops	\$ 289,011,630 **	\$ 378,527,295	\$341,677,342	\$ 314,372,000	\$ 228,929,000
Acreage	816,001	808,836	888.075	793,025	603,000
Fruit and Nut Crops	37,515,140 **	42,738,819 **	34,396,194	43,045,000	42,484,000
Acreage	20,330**	20,664	19,562	19,641	32,696
Livestock and Poultry	75,283,225 **	70,917,370	63,191,475**	64,295,000	62,153,000
Livestock and Poultry Products	88,839,600	98,802,450	103,482,220**	110,033,000**	112,268,000
Seed Crops	25,740,260	21,865,195 **	32,423,350	35,388,000	18,095,000
Acreage	37,541	31,990 **	42,901	52,228	25,994
Vegetable Crops	18,466,000 **	18,703,410	18,769,000	17,022,000	24,074,000
Acreage	9,733	8,186	7,268	9,005	10,061
Nursery Products	119,000	2,688 **	4,096	98,000	50,000
Apiary Products	2,174,000	2,877,855	4,257,112	6,167,000	4,572,000
TOTALS	\$ 537,148,855 **	\$ 635,233,678	\$598,200,789	\$ 590,420,000**	\$ 492,625,000

**Revised

General Kings County Information

County Seat	Hanford
County Population	73,738
Population per Square Mile	52.9
Total Assessed Value	\$1,748,615,339
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

MILLION DOLLAR CROPS - 1983

Cotton Lint	\$ 147,866,000	Plums	\$ 3,655,000
Market Milk	111,692,000	Nectarines	3,211,000
Cattle and Calves	47,985,000	Processed Tomatoes	3,156,000
Cotton Seed	26,484,000	Olives	3,153,000
Wheat	17,703,000	Walnuts	2,943,000
Alfalfa Hay	13,196,000	Corn Silage	2,857,000
Turkeys	10,889,000	Honey	2,803,000
Certified Alfalfa Seed	10,771,000	Safflower	2,071,000
Peaches	9,756,000	Fresh Tomatoes	1,847,000
Lettuce	9,031,000	Sugar Beets	1,771,000
Grapes	7,097,000	Pollination	1,668,000
Cantaloupe	6,055,000	Sheep & Lambs	1,596,000
Pistachios	5,667,000	Dried Beans	1,455,000
Barley	5,278,000	Kiwi	1,444,000
Uncertified Alfalfa Seed	5,251,000	Certified Wheat Seed	1,386,000
Corn	4,150,000	Irrigated Pasture	1,260,000
Almonds	3,974,000	Other Silage	1,167,000

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	.84	.33	3.52	1.75	0.00	8.62
1982-83	.45	.18	.00	.64	1.03	2.15	.71	3.74	2.59	3.39	1.63	.04	16.55
1983-84	0.00	0.00	.05	.82	.43	1.66	1.22						
									48 Year Total Rainfall				401.25
													Average Rainfall 8.189 in