

CALIFORNIA ENERGY COMMISSION
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California Energy Commission

WIND ATLAS

April 1985

of California
e Deukmejian, Governor

P500-85-002

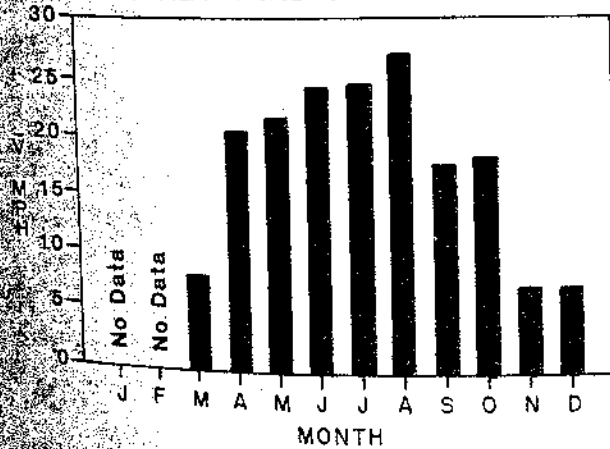
Figure 7.
WIND RESOURCE ASSESSMENT
CARQUINEZ STRAIT AREA



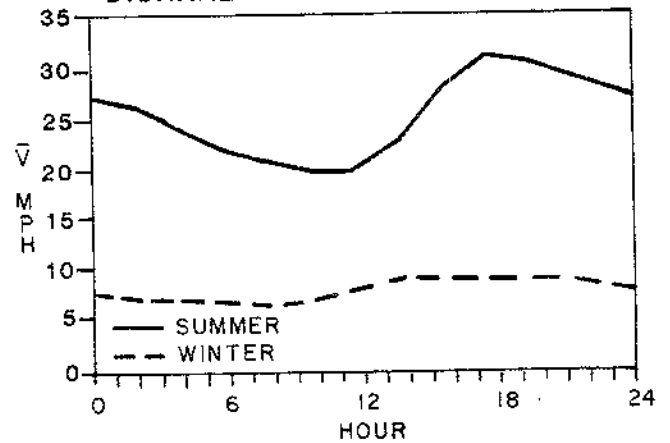
- **STUDY AREA:** Located 35 Miles northeast of San Francisco in southwestern Solano County
- **AVERAGE ANNUAL WIND SPEED:** 15-17 mph (7700 acres)
12-14 mph (6400 acres)
- **POTENTIAL CAPACITY:** 500 kWh/year
- **POTENTIAL ELECTRICAL OUTPUT:** 1.2×10^9 kWh/year

Sta. SO19, SOLANO PGE S-04

MONTHLY WIND SPEED VARIATION



DIURNAL WIND SPEED VARIATION



- **LOCATION OF SITE:** Solano Hills, 604 ft. elevation, 5 miles west of Fairfield

- o Promontories along the Northern and Central California coast with good exposure to prevailing marine air flow from the northwest.

The high winds in these areas can be attributed to the following factors:

- o Heating of the inland valleys and deserts during the spring and summer causes large air pressure differences between coastal and inland locations;
- o Channeling of predominantly westerly winds through west-east oriented passes;
- o Prevalence of a persistent temperature inversion in the passes during the warm season, constricting the upward movement of air.

Figure 3. AIRFLOW OVER AN IDEALIZED RIDGE LOCATED IN A HIGH WIND REGION

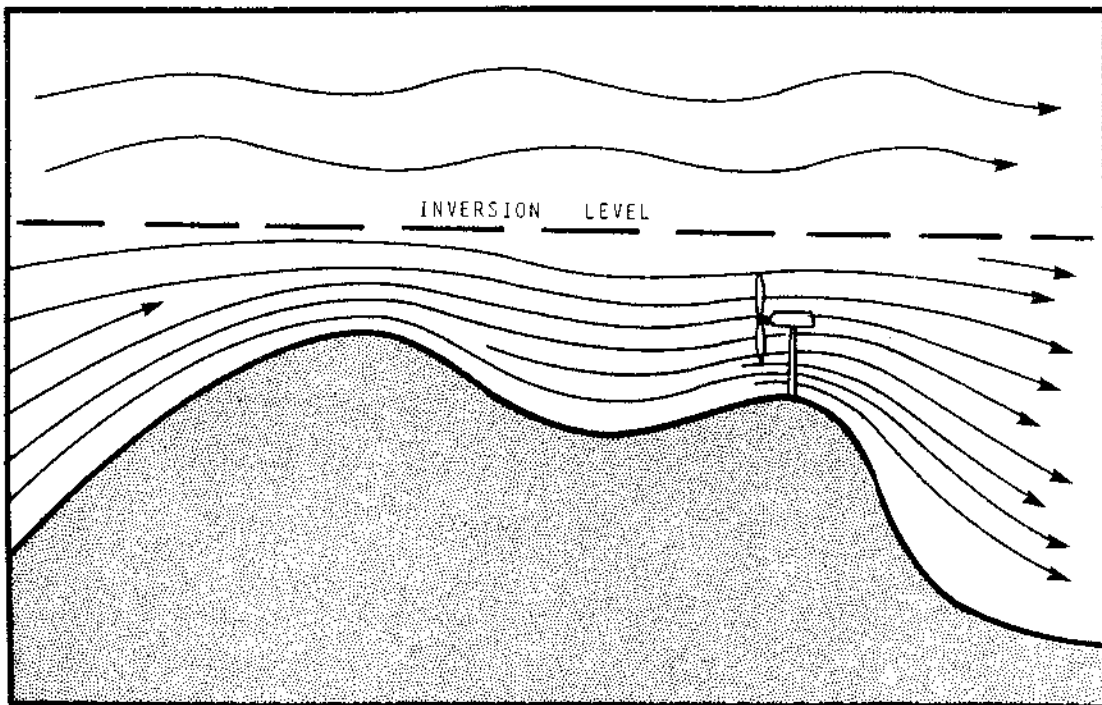


Figure 3 shows the airflow over an idealized ridge. Note how the flow is constricted between the earth's rise and the inversion lid as the air passes over the primary ridge. In this example, the steeper slope of the lee side of the ridge allows the air to flow away from the ridge with less restriction, thus increasing its speed as it flows over the next ridge. This phenomenon is found in most of California's coastal passes and the Tehachapi Pass.

TABLE B COUNTY INDEX TO WIND STATIONS

The wind station information contained in Tables A, B, and C is the same in each instance, but it is ordered differently in each to assist the user in finding wind data. Table A is alphabetically sorted by station name for the user interested in a particular station for which the name is known. Table B is ordered alphabetically by county, and Table C is ordered numerically by latitude first and longitude second. Tables B and C will aid the user with an interest in a particular area. The area can be located by county or latitude-longitude or a combination of these two area-oriented references. Figure 21 shows the relation the counties have to degrees of latitude-longitude and vice versa.

COUNTY is the major search field for Table B.

STATION NAME is the major search field for Table A and most of the data tables in this report. The name is usually that of the nearest community or prominent geographic feature.

LATITUDE-LONGITUDE is the major search field for Table C and is stated in the units, degrees-minutes-seconds (often the seconds are not known).

ELEV (ELEVATION) is the ground surface at the station in feet above mean sea level.

HT (HEIGHT) is of the anemometer in feet above the station ground surface.

RECORD BEGINS - and ENDS by the month/year.

REF (REFERENCE) is the source of the data of the subject wind station. References are in section VII.

TABLE is the alpha reference to the tables in this publication which contain data from the station of interest.

MWS (MEAN WIND SPEED) is the calculated average wind speed in miles per hour (MPH) for the period of record at the station.

TABLE OF EQUIVALENTS

LENGTH	1 foot = 0.3048 meter	1 meter = 3.2808 feet
VELOCITY	1 mile per hour = 0.447 meter per second	= 0.868 knots
	1 meter per second = 1.940 knots	= 2.236 miles per hour
	1 knot = 1.152 miles per hour	= 0.515 meter per second

TABLE B COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	NO. (MILES)
ALAMEDA	ALAMEDA NAS 01	37 46 12	122 18 24	30	22	01/45	12/72	1		
ALAMEDA	ALAMEDA NAS 02	37 44	122 19	30	22	01/71	12/78	16	GH	
ALAMEDA	ALTAMONT PGE A-01	37 42 15	121 35 22	1003	30	03/79	12/79	12	E HI	
ALAMEDA	ALTAMONT PGE A-03	37 38 48	121 36 37	1765	30	03/79	12/79	12	D F	
ALAMEDA	ALTAMONT PGE A-06	37 46 22	121 40 46	820	30	03/79	12/79	12	D F	
ALAMEDA	ALTAMONT PGE A-08B	37 44 37	121 37 17	640	30	03/79	12/79	12	D F	
ALAMEDA	ALTAMONT PGE A-08V	37 46 45	121 38 15	740	30	03/79	12/79	12	D F	
ALAMEDA	ALTAMONT PGE A-13	37 40 58	121 38 21	1640	30	03/79	12/79	12	D F	
ALAMEDA	FREMONT, USFW HDQTR	37 31 50	122 04 12	140	50	01/78	12/78		D F	
ALAMEDA	LIVERMORE 10 SSE	37 38	121 30	515		01/71	12/71	1	F	
ALAMEDA	LIVERMORE 300 WOP	37 39 57	121 33 18	1722	30	01/73	10/74	19	D F	
ALAMEDA	LIVERMORE-LAW L LAB	37 41	121 46	490		04/71	03/72	1		
ALAMEDA	OAKLAND AP 01	37 44	122 12	7	49	01/50	12/64	16	E I K	
ALAMEDA	OAKLAND AP 02	37 44	122 12	7	20	01/65	12/78	16	E HI K	
ALAMEDA	SUNOL FFS	37 54	121 54	300						
ALPINE	LEVIATHAN LD	38 24	119 18	8986				2		
ALPINE	MARKLEEVILLE	38 24	119 24	5500				2		
AMADOR	MT ZION LD	38 24	120 36	3000				2		
ARIZONA STATE	DRI MOUNTAIN	35 23 48	114 33 18	1181	33	01/74	12/80	7	D	
ARIZONA STATE	FORT MOHAVE	35 06 48	114 35 48	561	43	01/77	12/80	7		
ARIZONA STATE	YUMA AP	32 40	114 36	194	20	01/50	06/79	19	DE H	
BUTTE	BUTTE MEADOWS	40 04	121 30	4724	20	01/81	12/81	7	D	
BUTTE	BUTTE PGE TOWER BTM	39 33 36	121 39 36	171	33	11/77	12/78	7	D J	
BUTTE	BUTTE PGE TOWER TOP	39 33 36	121 39 36	171	180	11/77	12/78	7	D J	
BUTTE	CHICO AAF	39 48	121 51	253	10	05/42	12/45	1	D	
BUTTE	COHASSET	39 52	121 39	2270	20	01/81	12/81	7	D	
BUTTE	OROVILLE RS	39 30	121 36	265				2		
BUTTE	SAW MILL PEAK LD	39 48	121 36	3330				2		
BUTTE	SUNSET HILL LD	39 30	121 18	3320				2		
CALAVERAS	BLUE MOUNTAIN LD 1	38 18	120 24	6070				2		
COLUSA	LEESVILLE FFS	39 42	122 24	1320				2		
COLUSA	STONYFORD RS	39 24	122 36	1200				2		
COLUSA	WALKER RIDGE 02	39 06	122 29	3587	39	10/80	09/81	4	D	
COLUSA	WILLIAMS	39 06	122 09	129	31	11/48	12/52	16	E G I	
CONTRA COSTA	ALTAMONT PGE A-17	37 48 51	121 48 10	2460	30	03/79	12/79	12	D F	
CONTRA COSTA	ALTAMONT PGE A-18	37 50 57	121 41 33	340	30	03/79	12/79	12	D F	
CONTRA COSTA	CONCORD	37 59	122 03	541		01/51	07/53	1		
CONTRA COSTA	PITTSBURG BOEGER RCH	38 01 42	121 59 06	517	30	03/82	11/82	6	D	
CONTRA COSTA	PITTSBURG DOW	38 01	121 51	10	25	/67	/76	1		
CONTRA COSTA	PITTSBURG PGE TWR B	38 02 18	121 55 24	20	33	07/79	06/81	7	D J	
CONTRA COSTA	PITTSBURG PGE TWR T	38 02 18	121 55 24	20	180	07/79	06/81	7	D J	
CONTRA COSTA	PITTSBURG POWER PLT	38 03	121 54	20	33	12/70	11/73	1		
CONTRA COSTA	PITTSBURG WILDES RCH	38 01 36	121 58 24	270	30	03/82	03/83	6		
CONTRA COSTA	SAN PABLO	37 59	122 21	259		07/29	02/39	1		
DEL NORTE	CAMP SIX LD	41 54	123 54	3880				2		
DEL NORTE	CRESCENT CITY FAA	41 47	124 14	56	26	10/49	12/54	16	DE B I	
DEL NORTE	GASQUET RS	41 54	124 00	380				2		

TABLE B

COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
DEL NORTE	SHIP MOUNTAIN LD	41 42	123 48	5300				2		10.1
DEL NORTE	SMITH RIVER HILLS	41 54 42	124 03 30	2100	33	09/81	08/82	14	D F	7.3
EL DORADO	ARMSTRONG HILL LD	38 36	120 24	5740				2		9.2
EL DORADO	BALD MOUNTAIN LD 01	38 54	120 42	4610				2		10.0
EL DORADO	GEORGETOWN RS	38 56	120 48	3000				2		7.6
EL DORADO	MEYERS RS	38 48	120 00	6340				2		7.6
EL DORADO	PINE HILL LD	38 42	121 00	2060				2		10.5
FRESNO	ALDER SPRINGS	39 42	122 42	4500				2		9.2
FRESNO	COPPER PEAK LD	36 54	119 42	1780				2		6.0
FRESNO	DELILAH	36 48	119 06	4990				2		11.2
FRESNO	FENCE MEADOW GS	37 00	119 12	5250				2		11.8
FRESNO	FRESNO AP 01	36 47	119 42	320	42	01/50	12/61	16	DE I K	6.2
FRESNO	FRESNO AP 02	36 47	119 42	320	20	01/62	12/83	16	DE GHI K	6.5
FRESNO	MT GIVENS	37 18 18	119 05 06	9514	20	06/68	05/75	7	D	7.4
FRESNO	MT REST	37 06	119 24	4100				2		7.1
FRESNO	OILFIELDS FFS	36 12	120 18	395				2		6.0
FRESNO	PINE FLAT DAM	36 49	119 20	610	2	24	YEARS	2		0.5
FRESNO	PINEHURST RS	36 42	119 00	4200				2		7.0
FRESNO	TRIMMER	36 54	119 18	1540				2		10.4
GLENN	VALLEY VIEW	39 46 15	122 41 00	5068	33	09/81	08/82	14	D F	8.9
GLENN	WILLOWS PGE TWR B	39 32 46	122 20 36	361	33	11/77	12/78	7	D J	8.5
GLENN	WILLOWS PGE TWR T	39 32 48	122 20 36	361	180	11/77	12/78	7	D J	10.3
HUMBOLDT	ARCATA 01	40 59	124 06	228	45	01/54	07/59	16	E G I K	6.4
HUMBOLDT	ARCATA 02	40 59	124 06	228	20	07/59	12/78	16	E I K	6.4
HUMBOLDT	ARCATA CAA	40 54	124 06	226		12/49	11/58	1		5.7
HUMBOLDT	BEAR RIVER RIDGE EST	40 26 57	124 08 38	2040	33	10/81	08/82	14	D F	12.0
HUMBOLDT	BEAR RIVER RIDGE WST	40 29 18	124 20 36	1530	33	09/81	08/82	14	D F	15.4
HUMBOLDT	BRUSH MOUNTAIN LD	40 54	123 42	3990				2		10.0
HUMBOLDT	EUREKA HMBLDT BAY PP	40 44	124 12	15		01/66	12/67	1	D	9.6
HUMBOLDT	EUREKA WBO 01	40 48	124 10	40	88	07/39	12/42	1	D	7.1
HUMBOLDT	EUREKA WBO 02	40 48	124 10	40	90	01/50	12/64	16	DE	6.9
HUMBOLDT	HORSE MOUNTAIN	40 52 30	123 44 00	4950	33	09/81	08/82	14	D F	7.2
HUMBOLDT	IAGUA BUTTES LD	40 42	123 54	4170				2		10.5
HUMBOLDT	KNEELAND PRAIRIE	40 43 36	123 58 30	2672	33	09/81	08/82	14	D F	10.6
HUMBOLDT	PRATT MOUNTAIN LD	40 06	123 42	3890				2		10.5
HUMBOLDT	SCHOOLHOUSE PEAK LD	41 12	123 54	3090				2		13.2
HUMBOLDT	STRAWBERRY POINT	40 16 54	124 21 00	820	33	09/81	08/82	14	D F	15.3
HUMBOLDT	WILLOW CREEK	41 06	123 36	460				2		5.9
IMPERIAL	BOULDER PARK	32 39 39	116 05 37	2880	33	07/82	06/83	15	D F	20.0
IMPERIAL	EL CENTRO NAAS	32 49	115 40	-43		02/45	10/60	1	D	8.8
IMPERIAL	HOLTSVILLE NAS	32 50	115 16	56		08/43	02/45	1		4.2
IMPERIAL	SUGARLOAF MOUNTAIN	32 43 53	116 02 53	1000	33	07/82	06/83	15	F	14.3
INYO	BIG PINE PH NO. 3	37 10	118 19	4790	16	01/34	10/66	18	E	3.5
INYO	BISHOP AP 01	37 22	118 22	4112	40	01/48	12/64	16	DE B I K	8.4
INYO	BISHOP AP 02	37 22	118 22	4112	20	02/66	12/78	16	DE HI K	9.5
INYO	COSO AIRPORT LAKE	35 55 00	117 45 00	2264	7	08/77	09/78	7	D	4.9
INYO	COSO BASIN	36 02 24	117 45 12	2388	7	08/77	09/78	7	D	5.4
INYO	COSO LITTLE LAKE	35 54 12	117 54 12	3130	7	11/77	09/78	7	D	7.4

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COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MIS. (NPR)	COUNTY
INYO	COSO RED HILL	35 56 30	117 52 00	3543	7	09/77	09/78	7	D		
INYO	COSO ROSE VALLEY	36 04 30	117 57 12	3385	7	08/77	09/78	7	D	5.1	
INYO	COSO UPR CACTUS FLAT	36 07 06	117 48 48	4921	7	08/77	09/78	7	D	6.9	LAKE
INYO	HAIWEE RES. SOUTH	36 08 18	117 57 24	3800	4	01/24	05/78	18	DE	6.0	LAKE
INYO	HAIWEE RESERVOIR	36 08 18	117 57 18	3766	7	08/77	09/78	7	D	8.4	LAKE
INYO	LONE PINE RS	37 12	118 18	3727						7.6	LASSEN
INYO	ROUND VALLEY	37 24	118 30	4630						10.6	LASSEN
INYO	TINEMAHA	37 03 15	118 13 40	3900	33	01/80	08/80	11	D F	8.7	LASSEN
INYO	TINEMAHA RESERVOIR	37 03	118 13	3880	23	01/34	05/78	18	DE	8.6	LASSEN
KERN	ANNETTE LD	33 39	120 10	2357	39	10/80	09/81	4	D	9.5	LASSEN
KERN	ANTELOPE VALLEY (05)	34 50 50	118 33 50	3248	33	07/79	05/80	9	D F	9.2	LASSEN
KERN	BAKERSFIELD CO AP 01	35 25	119 03	495	60	01/50	12/60	16	DE G I K	9.4	LASSEN
KERN	BAKERSFIELD CO AP 02	35 25	119 03	495	20	01/61	07/83	16	DE HI K	5.5	LASSEN
KERN	BAKERSFIELD MINTER F	35 30	119 11	427		10/41	12/45	1		6.6	LASSEN
KERN	BRECKENRIDGE MTN	35 30	118 36	7540						6.0	LASSEN
KERN	CAMERON	35 54 01	118 21 12	4480	38	01/80	12/80	11	D F	6.0	LASSEN
KERN	CHINA LAKE NWC 01	35 41	117 41	2236	59	01/50	07/59	16	DE G I K	15.8	LASSEN
KERN	CHINA LAKE NWC 02	35 41	117 41	2238	12	07/59	12/78	16	DE HI K	9.4	LASSEN
KERN	DEMOCRAT SPRINGS	35 30	118 42	2380						6.0	LASSEN
KERN	EDWARDS AFB 01	34 55	117 54	2316		01/49	06/53	16	DE	11.1	LASSEN
KERN	EDWARDS AFB 02	34 55	117 54	2316	58	06/53	03/56	16	DE I K	10.3	LASSEN
KERN	EDWARDS AFB 03	34 55	117 54	2316	17	05/56	04/61	16	DE G I	9.2	LASSEN
KERN	EDWARDS AFB 04	34 55	117 54	2316	13	04/61	12/70	18	DE HI K	8.6	LASSEN
KERN	GESHUS	34 54 20	118 44 50	4364	33	06/79	05/80	9	D F	8.2	LASSEN
KERN	GESHUS-TUNIS	34 54 50	118 44 50	5184	33	07/79	04/80	9	D F	10.6	LASSEN
KERN	GRAPEVINE	34 54 10	118 54 10	4593	33	05/79	04/80	9	D F	12.3	LASSEN
KERN	ISABELLA DAM	35 39	118 28	2660	2	23	YEARS	2		8.4	LASSEN
KERN	KERVILLE FS	35 42	118 24	2630						2.7	LASSEN
KERN	LA LIEBRE (02)	34 54 20	118 39 55	5955	30	07/79	06/80	9	D F	7.8	LASSEN
KERN	LA LIEBRE (09)	34 51 30	118 45 10	5398	33	05/79	04/80	9	D F	17.1	LASSEN
KERN	MOJAVE	34 03 51	118 11 05	2880	36	01/80	12/80	11	D FG	13.8	LASSEN
KERN	ROBBERS	35 32 54	117 55 40	3080	36	01/80	12/80	11	D F	11.4	LOS ANGE
KERN	SOLEDAD	34 56 10	118 10 55	2700	36	01/80	12/80	11	D F	8.0	LOS ANGE
KERN	TAFT-GARDNER FLD AFF	35 06	119 19	436		12/41	02/45	1		10.1	LOS ANGE
KERN	TEHACHAPI CHECK 42	34 49 12	118 41 18	2989	33	04/78	05/79	7	D	5.2	LOS ANGE
KERN	TUNIS (01)	34 54 10	118 44 05	4954	33	06/79	05/80	9	D F	13.6	LOS ANGE
KERN	TUNIS (08)	34 55 40	118 44 20	4249	33	07/79	05/80	9	D F	7.3	LOS ANGE
KERN	WALKER 01	35 38 10	117 58 10	4250	36	01/80	12/80	11	D F	8.3	LOS ANGE
KERN	WHEELER RIDGE	35 00 36	119 00 54	2068	33	04/78	05/79	7	D	12.6	LOS ANGE
KERN	WINTERS	34 53 10	118 33 10	5840	33	05/79	12/79	9	D F	6.7	LOS ANGE
KINGS	LEMOORE NAS 01	36 20	119 57	240	9	07/61	06/70	1	H	0.3	LOS ANGE
KINGS	LEMOORE NAS 02	36 20	119 57	240	14	03/72	12/78	16	E SHI	2.4	LOS ANGE
LAKE	COW MOUNTAIN	39 07 48	123 04 24	3579	33	09/81	08/82	14	D F	5.8	LOS ANGE
LAKE	HIGH GLADE LD	39 12	122 48	4840						11.7	LOS ANGE
LAKE	KONDOCTI	38 54	122 42	2000						8.7	LOS ANGE
LAKE	PINE SUMMIT	58 51	122 44	3300		1.5	YEARS	2		8.9	LOS ANGE
LAKE	SODA CREEK	39 24	122 54	1770						6.3	LOS ANGE
LAKE	THE GEYSERS 13	38 46 06	122 43 36	3301	56	09/77	08/81	7	D	9.5	LOS ANGE
										11.2	LOS ANGE

TABLE B COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	RWS (MPH)
LAKE	THE GEYSERS 16	38 45 54	122 42 30	2402	30	06/77	05/81	7	D	8.9
LAKE	THE GEYSERS 19	38 47 36	122 43 36	2500	30	10/78	02/82	7	D	4.9
LAKE	WALKER RIDGE 01	39 02	122 38	3580		1	YEAR	2		12.8
LASSEN	ANTELOPE LOOKOUT	40 35 32	120 54 30	7684	30	08/78	08/79	10		16.0
LASSEN	ANTELOPE RADIO FAC.	40 26 54	120 33 00	5828	30	11/78	08/79	10	D F	11.0
LASSEN	BCKWRTH PASS-RDBTP	39 47 52	120 06 18	5640	30	09/78	08/79	10	D F	13.4
LASSEN	BLACK RIDGE LD	40 48	121 12	6040				2		11.2
LASSEN	BOGARD RS	40 36	121 06	5680				2		11.6
LASSEN	DON BUTTE LD	40 48	120 48	6740				2		17.7
LASSEN	FLEMING	40 21 05	120 18 31	4000	30	08/78	06/79	10		4.8
LASSEN	FREDONYER LD	40 42	120 36	7940				2		17.4
LASSEN	FREDONYER RIDGE	40 44 56	120 38 15	7100	30	09/78	08/79	10	D F	8.8
LASSEN	GOLD RUN	40 21 54	120 40 33	4330	30	09/78	06/79	10		4.6
LASSEN	LAUFMAN RS	40 12	120 24	4840				2		6.4
LASSEN	MILFORD	40 09 56	120 22 00	4290	30	09/78	05/79	10		3.9
LASSEN	OBSERVATION MTN	40 46	120 09	7960				2		18.7
LASSEN	PEBLEG	40 24	120 54	7110				2		15.7
LASSEN	RAVENDALE	40 47	120 21	5300				2		11.3
LASSEN	SADDLE ROCK	40 36 36	120 16 15	5000	30	8/78	08/79	10	D F	9.7
LASSEN	SHAFFER MOUNTAIN	40 26 54	120 21 24	6735	30	10/78	08/79	10	D F	15.4
LASSEN	SHAFFER RIDGE	40 26 20	120 19 55	5660	30	10/78	08/79	10	D F	11.6
LASSEN	SIERRA ARMY DEPOT	40 11 10	120 09 05	4000	30	09/78	08/79	10	F	5.0
LASSEN	SNOWSTORM TRAIL	40 37 35	120 18 01	5615	30	09/78	08/79	10	D F	11.3
LASSEN	STANDISH	40 21 48	120 24 05	4030	30	09/78	08/79	10	D F	7.0
LASSEN	SUSANVILLE 01	40 23	120 33	4220	43	03/38	02/41	1		6.3
LASSEN	SUSANVILLE 02	40 24	120 42	4150				2		7.6
LASSEN	SUSANVILLE RIDGE	40 28 25	120 30 37	6200	30	10/78	08/79	10	D F	11.4
LASSEN	TERMO	40 51 54	120 27 40	5300	30	09/78	08/79	10	D F	6.5
LASSEN	VIEWLAND	40 26 25	120 16 20	4530	30	10/78	08/79	10	D F	8.0
LASSEN	WESTWOOD	40 18	121 00	5090				2		6.9
LOS ANGELES	ALAMITOS BEACH SP	33 45	118 08	10		12/53	06/60	1		6.1
LOS ANGELES	ALHAMBRA	34 05	118 09	430	30	01/55	12/69	1		3.5
LOS ANGELES	ALHAMBRA FS3	34 06	118 08	480	35	06/70	12/74	1		4.0
LOS ANGELES	ALTADENA	34 11	118 08	1340	30	02/53	01/63	1		3.6
LOS ANGELES	ANAHEIM APCD	33 49	118 25	735	45	01/58	12/73	1		3.5
LOS ANGELES	ANTELOPE	34 47 18	118 33 10	2850	36	01/80	12/80	11	D F	12.8
LOS ANGELES	ANTELOPE VALLEY (10)	34 46 20	118 45 10	3300	33	01/80	05/80	9		13.1
LOS ANGELES	ARTESIA	33 52	118 05	50	25	12/56	05/60	1		3.7
LOS ANGELES	AZUSA	34 08	117 56	600	30	04/60	12/74	1		4.0
LOS ANGELES	BALDWIN PARK	34 05	117 58	376	50	03/54	04/62	1		3.3
LOS ANGELES	BEN WESTON RIDGE	33 21 00	118 27 36	1150	33	04/80	03/81	8	D F	10.8
LOS ANGELES	BENWESTON P-SATA VRD	33 20 54	118 28 05	1150	33	04/80	04/81	8	D	10.5
LOS ANGELES	BIG PINES GS	34 24	117 42	6860				2		6.2
LOS ANGELES	BOUQUET CANYON RES	34 34 48	118 23 06	1450	10	01/40	05/78	18	DE	7.8
LOS ANGELES	BUENA PARK	33 53	118 01	76	35	03/59	12/74	1		4.5
LOS ANGELES	BURBANK	34 12	118 22	725		01/60	12/64	1		5.7
LOS ANGELES	BURBANK AP 01	34 11 54	118 21 30	725	78	01/48	12/56	16	DE I	5.0
LOS ANGELES	BURBANK AP 02	34 11 54	118 21 30	725	89	09/56	11/63	16	DE S I K	5.3

TABLE B COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	NWS (MPH)	COUNTY
LOS ANGELES	BURBANK AP 03	34 11 54	118 21 30	725	20	11/63	12/68	16	DE I K	6.6	LOS ANGE
LOS ANGELES	CANOGA PARK	34 12	118 36	800	25	01/56	12/74	1		2.8	LOS ANGE
LOS ANGELES	CATALINA HARBOR	33 26 05	118 29 55	123	33	04/80	03/81	8	D	5.7	LOS ANGE
LOS ANGELES	CLEAR CREEK FS	34 18	118 06	3600				2		6.1	LOS ANGE
LOS ANGELES	COMPTON	33 54	118 13	190	40	12/54	4/66	1		4.2	LOS ANGE
LOS ANGELES	COMPTON AP	34 04	118 15	97	30	04/66	12/74	1		5.7	LOS ANGE
LOS ANGELES	DOMINGUEZ HILLS	33 50	118 14	30	30	12/56	12/71	1		5.7	LOS ANGE
LOS ANGELES	DOMNEY	33 57	118 10	120	30	05/53	12/74	1		4.3	LOS ANGE
LOS ANGELES	DRY CANYON RES	34 29	118 32	3013	12	01/33	12/77	18	E	3.3	LOS ANGE
LOS ANGELES	DUARTE FS	34 12	118 00	590				2		7.5	LOS ANGE
LOS ANGELES	EL MONTE	34 05	118 02	280	30	01/55	12/65	1		4.7	LOS ANGE
LOS ANGELES	ENCINO	34 10	118 30	770	40	12/57	01/73	1		4.3	LOS ANGE
LOS ANGELES	FAIRMONT	34 42 13	118 25 43	3130	36	01/80	12/80	11	D F	14.4	LOS ANGE
LOS ANGELES	FAIRMONT MUNI RH	34 42 54	118 20 54	2600	30	02/82	2/84	6	D	12.3	LOS ANGE
LOS ANGELES	FAIRMONT RESERVOIR	34 42 18	118 25 48	3060	10	05/22	12/77	18	DE	11.2	LOS ANGE
LOS ANGELES	GLENDALE AAF	34 09	118 18	463	0	06/43	12/45	1		5.0	LOS ANGE
LOS ANGELES	HAWTHORNE DANA JHS	33 54	118 06	76	30	10/70	12/74	1		4.0	LOS ANGE
LOS ANGELES	HOLLYWOOD	34 06	118 20	250	40	01/55	12/74	1		4.1	LOS ANGE
LOS ANGELES	HOLLYWOOD, NORTH	34 10	118 25	900	30	06/55	04/65	1		3.9	LOS ANGE
LOS ANGELES	HYPERION	33 53	118 27	10	40	01/57	06/60	1		7.7	LOS ANGE
LOS ANGELES	LA CANADA FS	34 12	118 11	1200	35	06/65	12/73	1		3.3	LOS ANGE
LOS ANGELES	LA HABRA	34 10	117 57	300	25	08/60	12/74	1		3.4	LOS ANGE
LOS ANGELES	LA VERN AP	34 05	117 47	1000	35	11/58	05/75	1		6.1	LOS ANGE
LOS ANGELES	LANCASTER	34 35	118 08	2660	90	10/57	05/64	1	D	8.3	LOS ANGE
LOS ANGELES	LANCASTER FOX	34 44	118 13	2347	35	05/74	12/76	1	D	12.7	LOS ANGE
LOS ANGELES	LECHUZA FS	34 06	118 54	1600				2		5.0	LOS ANGE
LOS ANGELES	LEO CARILLO STATE PK	34 02 36	118 57 06	2329	39	12/76	01/82	7	D	12.5	LOS ANGE
LOS ANGELES	LITTLE TUJUNGA BS	34 18	118 24	1320				2		8.6	LOS ANGE
LOS ANGELES	LONG BEACH AP	33 49	118 10	26	20	04/59	12/83	16	DE HI	6.4	LOS ANGE
LOS ANGELES	LOS ANGELES CAPCD	34 03	118 14	0	85	08/56	12/76	1		5.3	LOS ANGE
LOS ANGELES	LOS ANGELES CIVIC CT	34 03	118 14	270	45	01/50	12/64	19	E	6.0	LOS ANGE
LOS ANGELES	LOS ANGELES INT AP 1	33 56	118 23	90	59	01/50	12/59	16	DE B I K	6.6	LOS ANGE
LOS ANGELES	LOS ANGELES INT AP 2	33 56	118 23	90	20	01/60	12/83	16	DE HI K	7.9	LOS ANGE
LOS ANGELES	LOS ANGELES NO. 76	33 55	118 18	50	30	04/71	12/74	1		4.3	LOS ANGE
LOS ANGELES	LOS ANGELES NWS	34 00	118 12	290	40	08/50	06/64	1		6.0	LOS ANGE
LOS ANGELES	LOS ANGELES SPRR	34 06	118 14	14	25	02/56	09/81	1		4.3	LOS ANGE
LOS ANGELES	LOS ANGELES UCLA	34 04	118 27	430	50	04/54	05/59	1		3.5	LOS ANGE
LOS ANGELES	LOS ANGELES MBAS	33 56	118 23	121	20	01/47	06/65	1		6.7	LOS ANGE
LOS ANGELES	LOS ANGELES-NORMANDI	34 03	118 18	100	40	01/55	12/67	1		5.8	LOS ANGE
LOS ANGELES	LOS ANGELES-PICO	34 03	118 22	100	40	01/55	12/71	1		4.6	LOS ANGE
LOS ANGELES	LOS ANGELES-WEST	34 03	118 26	90	35	11/62	12/73	1		3.3	LOS ANGE
LOS ANGELES	LYNWOOD	33 55	118 12	115	35	12/73	12/74	1		4.5	LOS ANGE
LOS ANGELES	MALIBU FS 88	34 02	118 42	10	30	12/63	12/74	1		5.0	LOS ANGE
LOS ANGELES	MENDENHALL LO	34 24	118 18	4650				2		10.6	LOS ANGE
LOS ANGELES	MONTROSE	34 12	118 14	1200	30	01/55	12/61	1		5.1	LOS ANGE
LOS ANGELES	MT WILSON	34 14	118 04	5710	43	01/49	12/52	16	E I	9.6	LOS ANGE
LOS ANGELES	NEENACH SUBSTATION	34 46 30	118 30 02	2820	33	01/80	12/80	8	F	9.7	LOS ANGE
LOS ANGELES	NEWHALL	34 22	118 33	1270	30	09/69	12/75	1	G	3.7	LOS ANGE

TABLE B COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
LOS ANGELES	NORTHRIDGE CSU	34 14	118 32	857	25	01/57	09/66	1		3.8
LOS ANGELES	NORWALK	33 55	118 04	100		01/55	12/59	1		4.4
LOS ANGELES	DAT MOUNTAIN	34 18	118 36	3690				2		10.9
LOS ANGELES	PADUA HILLS	34 12	117 42	1800				2		10.0
LOS ANGELES	PALMDALE	34 31 35	118 33 10	3100	36	01/80	12/80	11	D F	11.3
LOS ANGELES	PALMDALE AP 01	34 38	118 05	2520	29	11/48	12/54	16	DE G I	9.1
LOS ANGELES	PALMDALE AP 02	34 38	118 05	2520	28	01/61	12/64	16	DE I	11.1
LOS ANGELES	PALOS VERDES	33 45	118 10	1500		01/55	12/57	1		6.9
LOS ANGELES	PASADENA FDEC3	34 06	118 12	790	40	06/59	03/70	1		3.1
LOS ANGELES	PEARLBLOSSOM	34 30 18	117 54 48	3018		03/79	02/80	7	D	7.6
LOS ANGELES	POMONA	34 04	117 45	850	35	06/65	12/74	1		3.2
LOS ANGELES	PT FERMIN	33 43	118 17	36		09/38	09/42	1		6.6
LOS ANGELES	PUENTE	34 01	117 59	314	35	01/55	12/60	1		3.1
LOS ANGELES	REDONDO-KING HARBOR	33 50	118 24	10	35	01/66	2/74	1		6.3
LOS ANGELES	RESEDA	34 12	118 32	740	35	05/65	12/74	1		3.0
LOS ANGELES	RIVERA	33 58	118 06	150	30	01/56	12/74	1		4.3
LOS ANGELES	SAN CLEMENTE IS 01	33 01	118 35	170	17	04/60	03/63	16	E I K	8.7
LOS ANGELES	SAN CLEMENTE IS 02	33 01	118 35	170	26	04/63	12/78	16	E I K	7.1
LOS ANGELES	SAN CLEMENTE ISLAND	32 57	118 32	906	17	/63	/72	1	D GH	7.3
LOS ANGELES	SAN DIMAS	34 12	117 48	950	30	01/55	12/59	1		2.2
LOS ANGELES	SAN FERNANDO	34 17	118 27	1170	25	01/55	12/60	1		4.7
LOS ANGELES	SAN PEDRO	33 45	118 15	13	110	03/45	05/47	16	B	5.9
LOS ANGELES	SANDBERG	32 44 38	118 43 28	4520	33	01/80	04/80	8		15.1
LOS ANGELES	SANDBERG WBO 01	34 45	118 44	4523	30	02/32	12/38	1	D	15.3
LOS ANGELES	SANDBERG WBO 02	34 45	118 44	4523	33	01/48	12/49	16	DE GHI	16.4
LOS ANGELES	SANDBERG WBO 03	34 45	118 44	4523	30	01/50	11/78	16	E I	15.2
LOS ANGELES	SANTA CATALINA	33 25	118 24	1590	48	01/48	06/53	16	E I	7.0
LOS ANGELES	SANTA CATALINA-AVAL.	33 22	118 19	450		06/43	02/44	1	D	6.5
LOS ANGELES	SAUGUS SCE	34 24	118 32	1165	45	03/58	08/71	1		5.2
LOS ANGELES	SIERRA PELONA LD	34 36	118 24	4860				2		19.2
LOS ANGELES	STRAWBERRY PEAK 02	34 17 00	118 07 12	6066		01/80	12/80	7	D	14.7
LOS ANGELES	SUN VALLEY	34 13	118 22	1000		01/55	12/60	1		5.6
LOS ANGELES	TEMPLE CITY	34 07	118 03	400	40	05/55	06/60	1		5.4
LOS ANGELES	TERMINAL ISLAND	33 46	118 13	10	50	08/52	12/74	1		6.9
LOS ANGELES	TORRANCE-SHELL	33 53	118 18	10		01/56	12/70	1		4.4
LOS ANGELES	TWIN HARBORS	33 26 12	118 29 48	125	33	04/80	03/81	8	D F	7.0
LOS ANGELES	VALENCIA SCE-PARDEE	34 26	118 34	0	25	10/71	12/74	1		5.2
LOS ANGELES	VALYERMD RS	34 30	117 54	3700				2		9.8
LOS ANGELES	VAN NUYS ANGB	34 13	118 30	794		10/61	06/62	1		4.5
LOS ANGELES	VENICE	33 59	118 29	10	45	01/55	12/73	1		6.5
LOS ANGELES	VENICE BCH LIFEGUARD	33 59 00	118 28 12	7		03/79	02/80	7	D	7.6
LOS ANGELES	VETTER LD	34 18	118 00	5900				2	D	13.2
LOS ANGELES	VETTER MOUNTAIN	34 17 50	118 01 40	5908	33	01/80	12/80	8	D F	10.1
LOS ANGELES	VINCENT FS	34 30	118 12	3140				2		15.8
LOS ANGELES	WALNUT	34 00	117 51	535	30	01/65	12/73	1		4.9
LOS ANGELES	WARM SPRINGS LD	34 36	118 36	4000				2		16.3
LOS ANGELES	WHITTIER	33 56	118 02	350	30	08/69	12/73	1		3.9
LOS ANGELES	WILMINGTON	33 46	118 16	10		01/53	02/61	1		5.5

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COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
LOS ANGELES	WILMINGTON REFINERY	34 46	118 14	0	10	01/55	12/59	1		3.6
LOS ANGELES	ZUMA BCH LIFEGUARD S	34 01 06	118 47 30	7		03/79	02/80	7	D	6.7
MADERA	BUCHANAN DAM	37 13	119 59	610	2	2	YEARS	2		0.7
MADERA	HIDDEN DAM	37 07	119 54	560	2	2	YEARS	2		3.0
MADERA	MINARETS	37 24	119 18	5180				2		6.7
MADERA	NORTH FORK RS	37 12	119 30	2660				2		7.3
MADERA	RED TOP FFS	37 06	119 48	1900				2		8.5
MARIN	HAMILTON AFB 01	38 04	122 31	12	61	01/49	03/53	16	E B I	5.7
MARIN	HAMILTON AFB 02	38 04	122 31	12	80	04/53	03/60	16	E I K	5.3
MARIN	HAMILTON AFB 03	38 04	122 31	12	15	04/60	12/70	16	E HI K	5.2
MARIN	MT TAMALPAIS	37 56	122 34	2610		12	YEARS	2		17.7
MARIN	NORTHSIDE HILL	38 09 42	122 49 48	1043	30	11/81	11/82	6		13.2
MARIN	OCEANA MARINA	38 15 30	122 57 30	450	30	10/81	10/82	6	D	10.1
MARIN	PT REYES	38 00	123 00	259		02/38	12/42	1	D	7.9
MARIN	PT REYES USCG	38 00	123 00	100		4	YEARS	2		15.7
MARIN	SYNANON CENTER	38 09 18	122 50 30	400	30	11/81	11/82	6		7.2
MARIN	TOMALES 1 SE	38 14 12	122 53 30	280	30	10/81	10/82	6	D	7.7
MARIN	WOODACRE	38 00	122 36	420				2		5.8
MENDOCINO	CAHTO PEAK	39 41 12	123 34 36	4234	33	09/81	08/82	14	D F	11.0
MENDOCINO	CAHTO PEAK LO	39 42	123 36	4230				2		11.2
MENDOCINO	CLOVERDALE PEAK PGE	38 53	123 00	2920	33	11/72	10/74	1		7.6
MENDOCINO	COLD SPRINGS LO	39 00	123 30	3060				2		13.0
MENDOCINO	COVELD	39 48	123 18	1560				2		2.2
MENDOCINO	EEL RIVER RS	39 48	123 06	1500				2		10.2
MENDOCINO	FORT BRAGG WT TRT PL	39 26 18	123 48 54	80	30	02/82	02/83	6	D	7.4
MENDOCINO	FORT BRAGG-CASPAR FD	39 28	123 45	755	21	01/43	05/45	1	D	7.6
MENDOCINO	HOWARD FOREST FFS	39 24	123 12	1900				2		3.4
MENDOCINO	PT ARENA	38 56	123 42	238	16	08/70	07/72	1	D	14.0
MENDOCINO	PT ARENA 4E HILLTOP	38 57 18	123 39 06	256	30	11/81	11/82	6	D	8.2
MENDOCINO	PT ARENA CG	38 55	123 43	259		01/37	10/42	1	D	14.1
MENDOCINO	PT ARENA TOWER B	38 55 30	123 43 17	70	30	01/77	09/81	3	D F J	11.6
MENDOCINO	PT ARENA TOWER T	38 55 30	123 43 17	70	150	01/77	09/81	3	D F J	14.8
MENDOCINO	TWO ROCK	39 24	123 30	2760				2		9.4
MENDOCINO	UKIAH AP 01	39 08	123 12	631	30	01/50	09/59	16	DE B I F	3.9
MENDOCINO	UKIAH AP 02	39 08	123 12	631	20	09/59	12/64	16	DE I F	3.7
MENDOCINO	WESTPORT	39 36 24	123 46 36	600	33	09/81	08/82	14	D F	7.6
MERCED	BASALT PEAK LO	37 00	121 06	1710				2		13.8
MERCED	CASTLE AFB 01	37 22	120 34	180		01/49	03/53	16	DE	7.3
MERCED	CASTLE AFB 02	37 22	120 34	180	105	04/54	03/57	16	DE I K	8.1
MERCED	CASTLE AFB 03	37 22	120 34	180	10	04/57	04/61	16	DE I	5.5
MERCED	CASTLE AFB 04	37 22	120 34	180	14	04/61	11/68	16	DE SHI K	5.9
MERCED	LOS BANOS	37 04	120 53	300	35	04/74	03/75	1		11.0
MERCED	ROMERO OVERLOOK B	37 04 24	121 13 10	1500	30	10/80	12/81	3	F J	10.7
MERCED	ROMERO OVERLOOK M	37 04 24	121 13 10	1500	98	10/80	12/81	3	F J	11.9
MERCED	ROMERO OVERLOOK T	37 04 24	121 13 10	1500	150	10/80	12/81	3	F	13.1
MERCED	ROMERO OVERLOOK-DWR	37 04 54	121 05 48	260			2 YEARS	7	D	13.2
MERCED	ALTURAS RS	41 30	120 36	4370				2		5.6
MODOC	BLUE MOUNTAIN LO 2	41 48	120 54	5740				2		13.8

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COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
MOBDC	CANBY RS	41 24	120 54	4310				2		7.5
MOBDC	CEDARVILLE	41 32	120 10	4580				2		8.5
MOBDC	FANDANGO PASS	41 47 54	120 12 30	6290	30	08/78	08/79	10	D F	14.9
MOBDC	TIMBER MOUNTAIN LD	41 36	121 18	5140				2		12.0
MONO	BALD MOUNTAIN LD 02	37 48	118 54	9050				2		18.8
MONO	BRIDGEPORT	38 06	119 12	6560				2		10.0
MONO	CAIN RANCH	37 53	119 07	7020	16	01/61	05/78	18	DE	5.5
MONO	LEE VINING	37 54	119 42	7200				2		9.3
MONO	LONG VALLEY RES.	37 35	118 43	6870	16	06/41	05/78	16	E	4.5
MONO	MAMMOTH MTN MINE	37 36 36	119 00 00	8900	30	01/83	01/84	6	D	21.7
MONO	MAMMOTH RS	37 36	119 00	7800				2		11.5
MONO	WALKER 02	38 30	119 30	5680				2		12.6
MONO	WHITE MOUNTAIN 01	37 38 00	118 15 18	14040		15 YEARS		2	D	24.5
MONO	WHITE MOUNTAIN 02	37 32 00	118 14 00	12240		15 YEARS		2	D	22.4
MONTEREY	ARLINE	36 35	121 42	190		1 YEAR		2		5.0
MONTEREY	BIG SUR GS	36 18	121 48	450				2		5.4
MONTEREY	CALANDRA LO	36 00	121 00	2800				2		8.9
MONTEREY	CARMEL	36 36	121 54	30		2 YEARS		2		6.4
MONTEREY	CHEWS RIDGE LO	36 18	121 36	5060				2		7.1
MONTEREY	CHP (HWY 88)	36 36	121 41	130		1 YEAR		2		6.1
MONTEREY	CONE PEAK LO	36 06	121 30	5150				2		5.9
MONTEREY	CRAZY HORSE	36 48	121 38	260		2 YEARS		2		5.6
MONTEREY	FORT ORD AAF	36 41	121 46	140	15	04/60	07/69	16	DE GHI	6.3
MONTEREY	H-L MIL RES CEN STON	35 58 12	121 16 00	1299		01/64	12/70	7	D	2.2
MONTEREY	H-L MIL RES HIGH PT	35 56 48	121 13 48	1827		01/64	12/70	7	D	4.2
MONTEREY	H-L MIL RES MILPITAS	36 03 48	121 17 54	1181		01/64	12/70	7	D	3.9
MONTEREY	H-L MIL RES SAM JONE	35 53 30	121 09 06	1437		01/64	12/70	7	D	3.6
MONTEREY	H-L RES AIRFIELD	36 00 00	121 14 00	1024		01/64	12/70	7	D H	3.6
MONTEREY	JOLON	36 00	121 14	1040		04/67	07/71	16	E G	3.1
MONTEREY	MONTEREY NAF 01	36 36	121 51	165	75	03/58	01/63	16	E G I K	5.6
MONTEREY	MONTEREY NAF 02	36 35	121 52	165	8	09/64	02/72	16	E I K	5.3
MONTEREY	MOSS LANDING PWR PL	36 48	121 46	10		03/69	02/73	1	D	9.0
MONTEREY	SALINAS AAB	36 41	121 35	72		08/41	12/44	1	D	8.1
MONTEREY	SALINAS AP 01	36 40	121 36	78	27	01/49	06/57	16	DE I K	6.8
MONTEREY	SALINAS AP 02	36 40	121 36	78	20	09/59	12/64	16	DE G I K	8.2
MONTEREY	SAN ARDO	36 00	120 55	430		.5 YEAR		2		8.5
MONTEREY	SID ORMSBEE LO	36 30	121 48	2240				2		9.8
MONTEREY	SMITH MOUNTAIN LO	36 06	120 36	3970				2		10.3
MONTEREY	THE INDIANS	36 06	121 30	2090				2		5.7
MONTEREY	BERRYESSA PEAK	38 40	122 11	3000	30	10/80	09/81	4		10.5
MONTEREY	BERRYESSA PEAK LO	38 42	122 12	3420				2		15.7
MONTEREY	MT ST HELENA	38 42	122 42	4850				2		13.6
MONTEREY	ST HELENA	38 30	122 30	310				2		6.0
MONTEREY	DONNER SUMMIT 01	39 19	120 20	7195	30	01/34	12/38	2		15.9
MONTEREY	DONNER SUMMIT 02	39 19	126 20	7195	30	11/48	12/51	16	E I	14.0
MONTEREY	TRUCKEE RS	39 18	120 12	6000				2		11.0
MONTEREY	WOLF CREEK LO	39 06	121 06	2300				2		9.8
MONTEREY	COTTONWOOD COVE	35 29 24	114 41 12	699	33	/80	12/80	7	D	4.9

TABLE B
COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
						/34	/38	1	D	9.0
NEVADA STATE	LAS VEGAS	36 05	115 10	1880				16	DE	7.8
NEVADA STATE	LAS VEGAS AP 01	36 05	115 10	1880	27	01/50	12/54	16	DE K	9.8
NEVADA STATE	LAS VEGAS AP 02	36 05	115 10	1880	72	01/55	12/59	16	DE K	9.4
NEVADA STATE	LAS VEGAS AP 03	36 05	115 10	1880	20	01/60	12/83	16	DE K	9.4
NEVADA STATE	MOJAVE SCE TOWER B	35 09 12	114 36 00	787	33	01/79	12/79	7	D J	11.4
NEVADA STATE	MOJAVE SCE TOWER T	35 09 12	114 36 00	787	128	01/79	12/79	7	D J	6.7
NEVADA STATE	NELLIS AFB	36 15	115 02	1880	13	03/42	12/72	1	D	6.1
NEVADA STATE	RENO INT AP 01	39 30	119 47	4404	53	01/50	12/58	19	DE H K	6.4
NEVADA STATE	RENO INT AP 02	39 30	119 47	4404	20	01/59	12/83	19	DE K	18.7
NEVADA STATE	SLIDE MOUNTAIN	38 18	119 53	9650	7	01/68	12/70	1	D	16.3
NEVADA STATE	SPIRIT MOUNTAIN	35 14 30	114 44 54	4839	33	01/80	12/80	7	D	6.8
NEVADA STATE	STEAD AFB	39 40	119 52	5056	13	12/57	03/66	1	D	5.7
ORANGE	EL TORO MCAS 01	33 40	117 44	380		03/45	12/49	16	DE	6.4
ORANGE	EL TORO MCAS 02	33 40	117 44	380	59	01/51	02/58	16	ED G I K	4.8
ORANGE	EL TORO MCAS 03	33 40	117 44	380	9	04/58	12/78	16	DE HI K	2.9
ORANGE	FAIRVIEW HOSPITAL	33 42	117 55	10	26	02/72	12/73	1		6.8
ORANGE	LOS ALAMITOS NAS 01	33 48	118 03	26	90	01/49	07/55	16	E I K	4.5
ORANGE	LOS ALAMITOS NAS 02	33 48	118 03	26	12	04/58	05/70	16	E GHI K	5.2
ORANGE	NEWPORT BEACH	33 36	117 54	10	26	08/54	12/74	1		9.4
ORANGE	SANTA ANA AP	33 40	117 53	53	65	01/68	12/72	1	E I	6.3
ORANGE	SANTA ANA MCAS 01	33 42	117 50	61	200	03/53	12/59	16	E HI K	4.1
ORANGE	SANTA ANA MCAS 02	33 42	117 50	61	10	01/68	12/78	16	E G I K	11.6
ORANGE	SANTIAGO PEAK	33 42 39	117 31 59	5687	33	06/80	12/80	8	F	3.8
ORANGE	TRABUCO CANYON GS	33 36	117 36	1000				2		5.5
OREGON STATE	KLAMATH FALLS KINGS.	42 09	121 44	4091	13	01/48	05/70	1		5.2
OREGON STATE	MEDFORD 01	42 22	122 52	1300	61	01/50	12/53	19	E K	4.4
OREGON STATE	MEDFORD 02	42 22	122 52	1300	42	01/54	12/59	19	E	4.9
OREGON STATE	MEDFORD 03	42 22	122 52	1300	20	01/60	12/83	16	E H K	10.3
PLACER	BLUE CANYON 01	39 17	120 42	5283	55	01/48	11/57	16	DE G K	8.2
PLACER	BLUE CANYON 02	39 17	120 42	5283	30	11/57	12/64	16	DE	6.4
PLACER	BLUE CANYON 03	39 17	120 42	5283	20	06/67	12/83	16	DE H K	11.1
PLACER	DUNCAN PEAK GS	39 12	120 30	7130				2		5.7
PLACER	FOREST HILL FS	39 00	120 54	3370				2		6.0
PLACER	SIERRA COLLEGE	38 47 24	121 12 12	364	20	01/81	2/81	7	D	10.4
PLACER	STATELINE LD	39 12	120 00	8900				2		10.4
PLUMAS	BCKWRTH PASS-SADDLE	39 41 42	120 06 33	5410	30	08/78	08/79	10	D F	6.5
PLUMAS	BOULDER CREEK GS	40 12	120 36	5000				2		10.6
PLUMAS	CANEL PEAK LD	39 42	121 06	5760				2		8.0
PLUMAS	CHESTER RS	40 18	121 18	4530				2		11.2
PLUMAS	CHILCOOT	39 48	120 12	5000				2		5.6
PLUMAS	GREENVILLE RS	40 12	121 00	3580				2		6.9
PLUMAS	MOHAWK GS	39 48	120 36	4400				2		6.1
PLUMAS	QUINCY RS	40 00	121 00	3410				2		14.8
PLUMAS	SMITH PEAK LD	39 54	120 30	7680				2		16.1
PLUMAS	THOMPSON PEAK	40 15 39	120 33 18	7720	30	09/78	08/79	10		15.2
RIVERSIDE	BANNING GS	33 54	116 54	3750				2		9.1
RIVERSIDE	BEAUMONT AP	33 56	116 56	2592		07/38	02/42	1		12.7
RIVERSIDE	BLACK	33 45 04	114 31 25	680	49	01/80	12/80	11	D F	

TABLE B
COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MMS (MPH)
RIVERSIDE	BLYTHE 01	33 37	114 43	394		09/69	08/74	1	D	7.3
RIVERSIDE	BLYTHE 02	33 37	114 43	395	32	11/48	12/54	16	DE G I	7.7
RIVERSIDE	CRANSTON GS	33 42	116 48	2000				2		9.6
RIVERSIDE	DESERT CENTER AAF	33 45	115 20	541		06/43	03/44	1	D	7.5
RIVERSIDE	DEVERS SUBSTATION	33 59	116 31	1100		3	YEARS	2		19.1
RIVERSIDE	INDIO	33 41	116 10	-20	24	11/48	05/50	16	G	6.4
RIVERSIDE	KEENWILD GS	33 42	116 42	4800				2		9.7
RIVERSIDE	KENWORTHY GS	33 36	116 36	4600				2		9.1
RIVERSIDE	LAKE RIVERSIDE	33 31 06	116 48 30	3520	33	07/82	06/83	15	D F	9.0
RIVERSIDE	MARCH AFB 01	33 54	117 15	1529	77	05/55	04/58	16	E I K	3.9
RIVERSIDE	MARCH AFB 02	33 54	117 15	1529	13	04/58	12/70	16	E GHI K	4.3
RIVERSIDE	MECCA	33 39 30	115 59 10	1800	36	01/80	12/80	11	D F	8.4
RIVERSIDE	MURRIETA	33 29 38	117 02 09	1210	33	03/80	02/81	8		4.9
RIVERSIDE	PALM SPRINGS AAF	33 54	116 33	420		05/43	02/46	1	D	7.6
RIVERSIDE	PALM SPRINGS D H PRK	33 52 06	116 33 00	640	30	03/82	03/83	6	D	10.8
RIVERSIDE	PALM SPRINGS NRTH AP	33 50 12	116 30 30	440	30	03/82	03/83	6	D	8.1
RIVERSIDE	PALM SPRINGS W.T.PLT	33 48 24	116 30 12	360	30	11/81	11/82	6	D	3.4
RIVERSIDE	RED MOUNTAIN LO	33 36	116 54	4600				2		15.5
RIVERSIDE	RICE AFB	34 04	114 50	882		06/43	03/44	1	D	8.3
RIVERSIDE	SAN GORGONIO (ERDA)	33 59	116 34	980				2		14.4
RIVERSIDE	SAN GORGONIO DEVERS	33 56 00	116 34 42	1063	76	04/76	03/77	7	D	15.7
RIVERSIDE	SAN GORGONIO PASS B	33 56 48	116 34 50	1080	30	01/77	11/81	3	D F J	13.4
RIVERSIDE	SAN GORGONIO PASS M	33 56 48	116 34 50	1080	98	11/80	11/81	3	D F J	15.7
RIVERSIDE	SAN GORGONIO PASS T	33 56 48	116 34 50	1080	150	07/77	11/81	3	D F J	17.2
RIVERSIDE	SAN GORGONIO PSWR-01	33 56 10	117 00 24	2550	33	09/78	07/79	13	D F	8.9
RIVERSIDE	SAN GORGONIO PSWR-02	33 56 02	116 49 28	2090	33	08/78	04/80	13	D F	8.8
RIVERSIDE	SAN GORGONIO PSWR-03	33 54 52	116 46 18	1680	33	08/78	12/78	13	D	11.0
RIVERSIDE	SAN GORGONIO PSWR-04	33 55 33	116 43 32	1520	33	08/78	06/80	13	D F	13.4
RIVERSIDE	SAN GORGONIO PSWR-05	33 56 27	116 39 59	2760	33	09/78	01/81	13	D F	19.5
RIVERSIDE	SAN GORGONIO PSWR-06	33 56 58	116 39 24	2600	33	09/78	07/79	13	D F	17.8
RIVERSIDE	SAN GORGONIO PSWR-07	33 55 00	116 38 04	1250	33	08/78	03/81	13	D F	14.3
RIVERSIDE	SAN GORGONIO PSWR-08	33 55 22	116 37 00	1734	33	10/78	03/81	13	D F	17.8
RIVERSIDE	SAN GORGONIO PSWR-09	33 54 28	116 37 51	1070	33	08/78	03/81	13	D F	11.6
RIVERSIDE	SAN GORGONIO PSWR-10	33 54 17	116 34 16	810	33	08/78	07/79	13	D F	12.0
RIVERSIDE	SAN GORGONIO PSWR-11	33 56 47	116 31 30	1000	33	09/78	07/80	13	D F	8.9
RIVERSIDE	SAN GORGONIO PSWR-13	33 52 38	116 30 12	630	33	08/78	04/79	13	D F	10.3
RIVERSIDE	SAN GORGONIO PSWR-15	34 09 12	116 23 40	4950	33	08/78	05/80	13	F	9.9
RIVERSIDE	SAN GORGONIO PSWR-16	33 56 23	116 24 55	1800	33	09/78	07/79	13	D F	7.9
RIVERSIDE	SAN GORGONIO PSWR-17	33 54 52	116 25 23	1100	33	09/78	06/80	13	D F	6.7
RIVERSIDE	SAN GORGONIO PSWR-18	33 52 00	116 26 05	1540	33	08/78	07/79	13	D F	12.2
RIVERSIDE	SAN GORGONIO PSWR-19	33 50 33	116 26 03	380	33	08/78	07/80	13	D F	11.0
RIVERSIDE	SAN GORGONIO PSWR-21	33 55 06	116 39 42	1165	33	05/80	01/81	7	D F	14.1
RIVERSIDE	SAN GORGONIO PSWR-25	33 56 00	116 34 42	1063	76	11/78	09/79	7	D	16.1
RIVERSIDE	SCE 100-M TOWER A	33 55 02	116 38 30	1240	33	05/80	02/81	8	D	17.9
RIVERSIDE	SCE 100-M TOWER B	33 55 02	116 38 30	1240	99	05/80	02/81	8	D	22.4
RIVERSIDE	SCE 100-M TOWER C	38 55 02	116 38 30	1240	198	05/80	02/81	8	D	26.4
RIVERSIDE	SCE 100-M TOWER D	33 55 02	116 38 30	1240	330	05/80	02/81	8	D	23.9
RIVERSIDE	TEMESCAL GS	33 48	117 30	1150				2		8.9

TABLE B
COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
RIVERSIDE	THERMAL	33 38	116 10	-115	67	05/50	01/54	16	E B I	9.3
RIVERSIDE	VISTA GRANDE BS	33 48	116 48	4800				2		11.8
SACRAMENTO	MATHER AFB 01	38 34	121 18	92		01/49	04/53	16	DE	7.9
SACRAMENTO	MATHER AFB 02	38 34	121 18	92	95	04/55	07/60	16	DE I K	6.5
SACRAMENTO	MATHER AFB 03	38 34	121 18	131	13	07/60	11/68	16	DE GHI K	5.6
SACRAMENTO	MCCLELLAN AFB 01	38 40	121 24	82		01/49	06/53	16	DE G	8.5
SACRAMENTO	MCCLELLAN AFB 02	38 40	121 24	82	120	06/53	02/58	16	DE I K	7.7
SACRAMENTO	MCCLELLAN AFB 03	38 40	121 24	82	15	03/58	03/61	16	DE I	6.0
SACRAMENTO	MCCLELLAN AFB 04	38 40	121 24	82	13	04/61	11/68	16	DE HI K	5.7
SACRAMENTO	RANCHO SECO	38 34	121 07	170	33	01/74	12/76	1		7.2
SACRAMENTO	RANCHO SECO PWR PL B	38 20 42	121 07 12	171	33	01/75	10/81	7	D J	6.9
SACRAMENTO	RANCHO SECO PWR PL T	38 20 48	121 07 12	171	197	01/75	10/81	7	D J	8.9
SACRAMENTO	SACRAMENTO AP 01	38 31	121 30	17	69	01/50	12/60	16	DE G I K	8.7
SACRAMENTO	SACRAMENTO AP 02	38 31	121 30	17	20	01/61	12/83	16	DE HI K	7.4
SACRAMENTO	SACRAMENTO CITY WBO	38 34	121 30	23	115	01/50	12/64	16	E	8.3
SAN BENITO	CALL MOUNTAIN	36 42	121 06	4340				2		6.7
SAN BENITO	HOLLISTER NAS	36 53	121 24	247		07/42	02/45	1		6.6
SAN BENITO	HOLLISTER. NORTH	36 54	121 22	260		2.5 YEARS		2		7.3
SAN BENITO	SAN BENITO MOUNTAIN	36 22	120 39	5241	39	10/80	09/81	4	D	6.7
SAN BERNARDINO	APPLE VALLEY SOUTH	34 25 50	117 10 25	3600	33	01/80	12/80	11	D F	8.5
SAN BERNARDINO	BIG BEAR RS	34 18	116 54	6850				2		11.9
SAN BERNARDINO	BIG PINE FLATS BS	34 18	117 00	6820				2		11.3
SAN BERNARDINO	BRISTOL	34 36 00	115 40 52	2860	49	05/80	12/80	11	D F	8.2
SAN BERNARDINO	CAJON HMS	34 17 48	117 27 30	2854		03/79	02/80	7		11.9
SAN BERNARDINO	CAJON MOUNTAIN	34 16 16	117 25 24	5310	33	01/80	01/81	8	F	18.1
SAN BERNARDINO	CONVERSE BS	34 12	116 54	5620				2		12.7
SAN BERNARDINO	COOLWATER	34 51 12	116 49 54	2100	33	10/79	07/82	7	D	9.8
SAN BERNARDINO	COYOTE	34 59 20	116 42 00	1780	36	01/80	08/80	11	D F	8.3
SAN BERNARDINO	CUCAMONGA PARK	34 04 20	117 35 25	995	33	05/80	01/81	8		5.3
SAN BERNARDINO	CUDDEBACK AFB	35 16	117 26	2835		01/65	12/70	16	E G I	7.4
SAN BERNARDINO	DAGGETT	34 51 12	116 47 04	1930	56	01/80	12/80	11	D F	11.3
SAN BERNARDINO	DAGGETT FAA 01	34 52	116 47	1929	56	11/48	04/61	16	DE I K	11.9
SAN BERNARDINO	DAGGETT FAA 02	34 52	116 47	1929	20	04/61	12/78	16	DE G I K	11.1
SAN BERNARDINO	DEVORE 01	34 12	117 36	2070				2		12.2
SAN BERNARDINO	DEVORE 02	34 12 04	117 23 47	2000	33	02/80	01/81	8		11.4
SAN BERNARDINO	ELEPHANT	34 53 10	116 53 45	2690	33	01/80	12/80	11	D F	16.1
SAN BERNARDINO	FONTANA-KAISER	34 05	117 30	1090	80	01/56	12/72	1	D	12.8
SAN BERNARDINO	GEORGE AFB 01	34 35	117 23	2876	80	04/53	03/57	16	DE I K	8.5
SAN BERNARDINO	GEORGE AFB 02	34 35	117 23	2876	13	04/57	12/70	16	DE GHI K	7.9
SAN BERNARDINO	GOLDSTONE 01 MARS B	35 25 30	116 54 00	3228	148	10/74	05/76	7	D	10.5
SAN BERNARDINO	GOLDSTONE 02 MARS T	35 25 30	116 54 00	3228	26	10/74	04/76	7	D	11.2
SAN BERNARDINO	GOLDSTONE 06 VNVIC T	35 24 00	116 54 00	2999	98	10/74	05/76	7	D	10.1
SAN BERNARDINO	GOLDSTONE 10 ECHO	35 18 30	116 48 30	3347	98	10/74	05/76	7	D	15.2
SAN BERNARDINO	HESPERIA FFS	34 24	117 18	3570				2		8.3
SAN BERNARDINO	HOLE	35 02 54	115 22 58	4320	36	01/80	12/80	11	D F	9.9
SAN BERNARDINO	JOHNSON VALLEY	34 34 30	116 37 00	3451	33	01/80	09/81	7	D	10.3
SAN BERNARDINO	JOSHUA TREE NAT. MON	34 07	116 04	1960				2		5.3
SAN BERNARDINO	KRAMERS	34 59 15	117 32 32	2460	36	01/80	12/80	11	D F	7.8

TABLE B
COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
SAN BERNARDINO	LUCERNE VALLEY	34 26 12	116 52 18	2900	33	02/80	09/81	7	D	8.5
SAN BERNARDINO	LUDLOW	34 43 00	116 09 55	1800	36	01/80	12/80	11	D F	8.8
SAN BERNARDINO	LYTLE CREEK	34 12	117 30	2750				2		11.2
SAN BERNARDINO	MARS	35 10	116 48	3200		1	YEAR	2		10.5
SAN BERNARDINO	MILL CREEK RS	34 06	117 06	2950				2		7.9
SAN BERNARDINO	NORMON ROCKS	34 12	117 18	3300				2		14.0
SAN BERNARDINO	MOUNTAIN PASS	35 29 13	115 33 05	5200	46	01/80	12/80	11	D F	16.9
SAN BERNARDINO	NEEDLES 01	34 46	114 37	917	25	11/48	12/60	16	DE G I	7.9
SAN BERNARDINO	NEEDLES 02	34 46	114 37	919		1/69	1/74	1	D	8.5
SAN BERNARDINO	NEEDLES SCE	34 50 30	114 36 54	591		01/78	12/78	7	D	10.1
SAN BERNARDINO	NIPTON	35 28 00	115 17 00	3009	33	06/79	10/80	7	D	8.3
SAN BERNARDINO	NORTON AFB 01	34 06	117 15	1099		01/49	04/53	16	DE G	5.3
SAN BERNARDINO	NORTON AFB 02	34 06	117 15	1099	140	04/54	06/58	16	DE I K	2.8
SAN BERNARDINO	NORTON AFB 03	34 06	117 15	1099	13	07/58	12/70	16	E HI K	3.7
SAN BERNARDINO	OAK HILL	34 22 08	117 25 37	4000	36	01/80	12/80	11	D F	10.7
SAN BERNARDINO	ONTARIO	34 03	117 36	919		1/49	1/55	1	D	9.1
SAN BERNARDINO	ONTARIO AP	34 03	117 36	946	20	01/68	12/72	16	DE I	7.2
SAN BERNARDINO	PHELAN	34 24	117 30	4110				2		8.3
SAN BERNARDINO	QUARTZITE	34 36 44	117 17 10	4500	36	01/80	12/80	11	D F	15.7
SAN BERNARDINO	RICE	34 05 06	114 50 48	935	33	06/79	10/80	7	D	8.5
SAN BERNARDINO	RICE SCE TOWER B	34 05 06	114 50 48	935	30	09/73	08/74	7	J	8.7
SAN BERNARDINO	RICE SCE TOWER T	34 05 48	114 50 48	935	148	09/73	08/74	7	J	11.0
SAN BERNARDINO	ROCK CAMP GS	34 18	117 12	4900				2		11.3
SAN BERNARDINO	RODMAN	34 38 31	116 37 50	5950	49	01/80	12/80	11	D F	15.2
SAN BERNARDINO	RODMAN MOUNTAIN	34 38 42	116 38 06	5878	33	02/80	09/81	7		15.0
SAN BERNARDINO	SAC	34 40 54	114 41 22	2300	49	01/80	12/80	11	D F	11.3
SAN BERNARDINO	SILVER LAKE AP	35 20	116 06	282	58	11/48	07/50	16	G	9.5
SAN BERNARDINO	STRAWBERRY PEAK 01	34 13 35	117 14 02	6153	33	01/80	12/80	8	F	15.4
SAN BERNARDINO	STRAWBERRY PEAK LO	34 12	117 12	6150				2		12.8
SAN BERNARDINO	TURQUOISE	35 26 09	115 55 20	4400	39	01/80	12/80	11	D F	12.4
SAN BERNARDINO	YUCCA VALLEY	34 06	116 24	3250				2		9.2
SAN DIEGO	BLACK MOUNTAIN LO	33 06	116 48	4060				2		14.6
SAN DIEGO	ALPINE GS	33 00	116 42	2020				2		7.6
SAN DIEGO	ANGEL MOUNTAIN	33 12 28	116 44 57	3500	33	07/82	06/83	15	D F	6.1
SAN DIEGO	BANNER CANYON	33 04 59	116 34 09	3140	33	07/82	06/83	15	D F	6.2
SAN DIEGO	BORREBO SPRINGS	33 19 57	116 22 21	790	33	07/82	06/83	15	D F	10.0
SAN DIEGO	BUTTERFIELD RANCH	32 58 53	116 25 49	2020	33	07/82	06/83	15	F	7.0
SAN DIEGO	CAMERON GS	32 42	116 30	3300				2		10.4
SAN DIEGO	CAMP PENDLETON MCB	33 18	117 21	62	85	07/66	06/72	1	G	5.9
SAN DIEGO	CAMPO	32 38	116 07	2900				2		8.7
SAN DIEGO	CHULA VISTA	32 35	116 59	523	60	01/55	04/61	16	E G I	6.7
SAN DIEGO	CIRCLE 2 RANCH	32 40 15	116 14 44	3490	33	07/82	06/83	15	D F	10.5
SAN DIEGO	DESCANSO	32 49 25	116 38 27	3400	33	07/82	06/83	15	D F	8.2
SAN DIEGO	DESCANSO RS	32 54	116 36	3500				2		9.3
SAN DIEGO	IMPERIAL BCH NAS 01	32 34	117 07	27	50	03/59	06/69	16	DE GHI K	6.0
SAN DIEGO	IMPERIAL BCH NAS 02	32 34	117 07	27	9	05/70	12/78	16	DE HI K	6.4
SAN DIEGO	IN-KO-PAH COUNTY PRK	32 38 54	116 06 36	3325	30	06/82	05/83	6	D	17.2
SAN DIEGO	IN-KO-PAH INDIAN RES	32 38 24	116 06 54	3360	30	02/82	02/83	6	D	17.2

TABLE B COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
SAN DIEGO	JACUMBA AP	32 36 54	116 10 17	2800	33	07/82	12/82	15	D F	5.9
SAN DIEGO	JULIAN	33 03 58	116 34 20	4640	33	07/82	06/83	15	D F	18.7
SAN DIEGO	JULIAN FFS	33 06	116 42	4220				2		11.7
SAN DIEGO	LA POSTA INDIAN RES	32 43 12	116 23 12	4250	30	02/82	02/83	6	D	11.5
SAN DIEGO	MANZANITA INDIAN RES	32 44 54	116 20 42	4480	30	01/82	01/83	6	D	13.6
SAN DIEGO	MIRAMAR NAS	32 52	117 08	459	22	01/57	12/78	16	DE GHI	5.1
SAN DIEGO	MT LAGUNA	32 53 30	116 25 02	6040	33	07/82	06/83	15	D FG	17.6
SAN DIEGO	MT PALOMAR	33 21 26	116 51 57	5560	33	07/82	06/83	15	D F	7.6
SAN DIEGO	OAK GROVE RS	33 24	116 48	2750				2		8.7
SAN DIEGO	OCEANSIDE	33 14	117 25	27	79	11/48	01/52	16	E G I	7.8
SAN DIEGO	PINE HILLS GS	33 00	116 36	3800				2		8.1
SAN DIEGO	RAINBOW	33 24 27	117 07 31	1880	33	07/82	06/83	15	D F	6.3
SAN DIEGO	RAMONA	33 00	116 54	1650				2		11.1
SAN DIEGO	RAMONA 3E HATFIELD R	33 03 06	116 47 49	1850	30	05/82	05/84	6	D	5.5
SAN DIEGO	RANCHITA	33 12 03	116 30 40	4120	33	07/82	06/83	15	D F	11.0
SAN DIEGO	SAN DIEGO AP 01	32 44	117 10	37	63	01/48	12/60	16	DE I K	6.3
SAN DIEGO	SAN DIEGO AP 02	32 44	117 10	37	21	01/61	08/69	16	DE G I	6.9
SAN DIEGO	SAN DIEGO AP 03	32 44	117 10	37	14	08/69	12/73	16	DE HI	7.5
SAN DIEGO	SAN DIEGO AP 04	32 44	117 10	37	20	01/75	12/83	16	DE HI K	7.4
SAN DIEGO	SAN DIEGO NAS 01	32 42	117 12	48	63	04/45	12/49	16	DE I K	6.2
SAN DIEGO	SAN DIEGO NAS 02	32 42	117 12	48	31	01/51	12/59	16	DE I	6.4
SAN DIEGO	SAN DIEGO NAS 03	32 42	117 12	48	12	01/60	12/78	16	DE HI K	5.6
SAN DIEGO	SAN ONDRE PWR PLT B	33 22 12	117 33 24	148	33	01/73	01/76	7	D J	7.2
SAN DIEGO	SAN ONDRE PWR PLT T	33 22 12	117 33 24	148	131	01/73	01/76	7	D J	6.7
SAN DIEGO	SYCAMORE FLATS	32 10 03	116 57 04	1940	33	07/82	06/83	15	D F	4.4
SAN DIEGO	TABLE MOUNTAIN	32 40 04	116 08 16	3720	33	07/82	06/83	15	D F	19.6
SAN DIEGO	TECATE DIVIDE	32 39 31	116 19 04	3960	33	07/82	06/83	15	F	12.1
SAN DIEGO	TECATE PEAK	32 36	116 42	3880				2		13.0
SAN DIEGO	VALLEY CENTER	33 12	117 00	1310				2		4.9
SAN FRANCISCO	FARALLON ISLANDS, SE	37 42	123 00	39		06/35	12/42	1	D	10.2
SAN FRANCISCO	SAN FRANCISCO MBO	37 47	122 25	123	132	01/50	12/64	16	E	8.7
SAN JOAQUIN	ALTAMONT PGE A-09H	37 38 02	121 25 27	520	30	03/79	10/79	12	D F	12.0
SAN JOAQUIN	ALTAMONT PBE A-19	37 39 19	121 28 38	1089	30	03/79	11/79	12	D F	12.8
SAN JOAQUIN	ANBRUS ISLAND	38 12 06	121 32 36	0	30	10/81	10/82	6	D	7.7
SAN JOAQUIN	BOULDIN ISLAND	38 05 12	121 34 06	0	30	10/81	07/82	6	D	8.7
SAN JOAQUIN	BRACK TRACT	38 09 12	121 30 06	0	30	12/81	6/82	6	D	7.8
SAN JOAQUIN	LIVERMORE 300 ECP	37 39 12	121 31 38	1200	30	01/73	12/77	19	D F	13.7
SAN JOAQUIN	STOCKTON AAF	37 54	121 15	26		01/41	12/45	1	D	8.0
SAN JOAQUIN	STOCKTON AP 01	37 54	121 15	27	28	11/48	12/54	16	DE G I K	6.7
SAN JOAQUIN	STOCKTON AP 02	37 54	121 15	27	20	03/63	10/81	16	DE HI K	8.4
SAN LUIS OBISPO	ARROYO GRANDE	35 16	120 40	90			2 YEARS	2		5.4
SAN LUIS OBISPO	BRANCH MOUNTAIN LO	35 00	120 06	3770				2		12.0
SAN LUIS OBISPO	CAMBRIA-HARMONY FLD	35 34	121 07	98		06/43	10/44	1	D	6.4
SAN LUIS OBISPO	COTTONWOOD PASS	35 46	120 12	2460	22	10/80	09/81	4	D	11.4
SAN LUIS OBISPO	DIABLO CANYON 01	35 13	120 49	125	33	05/73	04/75	1	J	10.6
SAN LUIS OBISPO	DIABLO CANYON 02	35 13	120 49	125	249	05/73	04/75	1	J	10.5
SAN LUIS OBISPO	DIABLO CANYON B	35 12 48	120 50 48	597	33	07/67	10/69	7	D	9.6
SAN LUIS OBISPO	DIABLO CANYON E B	35 12 36	120 51 06	125	33	07/67	12/81	6		10.3

TABLE B
COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MMS (MPH)
SAN LUIS OBISPO	DIABLO CANYON E T	35 12 36	120 51 06	125	249	07/67	12/81	6		10.7
SAN LUIS OBISPO	DIABLO CANYON F	35 12 42	120 50 30	919	98	07/67	10/69	7	D	8.3
SAN LUIS OBISPO	ESTERO	35 24	120 52	30		01/31	12/36	1		4.6
SAN LUIS OBISPO	PASO ROBLES AP	35 40	120 38	807	21	03/52	12/64	16	DE G I	6.1
SAN LUIS OBISPO	POZO	35 18	120 24	1560				2		6.3
SAN LUIS OBISPO	PT PIEDRAS BLANCAS	35 40	121 17	69	18	06/38	11/42	1	D	10.7
SAN LUIS OBISPO	ROCKY BUTTE LD	35 42	121 06	3440				2		13.0
SAN LUIS OBISPO	SAN LUIS OBISPO	35 15	120 40	200		5 YEARS		2		6.4
SAN LUIS OBISPO	SHANDON	35 42	120 24	1230		1 YEAR		2		5.0
SAN LUIS OBISPO	SIMMLER	35 18	119 54	2050				2		5.4
SAN MATED	ALLEN LD	37 24	122 18	2250				2		7.4
SAN MATED	CALTRANS SITE 24	37 29 37	122 22 00	870		01/75	12/75		F	12.7
SAN MATED	HALF MOON BAY ELKUS	37 24 36	122 23 49	660	30	03/82	09/82	6	D	7.7
SAN MATED	PESCADERO-PIGEON PT	37 12	122 22	463		06/43	09/44	1	D	11.1
SAN MATED	PT MONTARA	37 32	122 31	62		02/38	11/41	1	D	8.0
SAN MATED	SAN FRANCISCO AP 01	37 37	122 23	8	70	01/50	12/55	16	DE G I K	11.4
SAN MATED	SAN FRANCISCO AP 02	37 37	122 23	8	20	01/56	12/83	16	DE HI K	10.5
SANTA BARBARA	BUELLTON	34 36	120 12	370		2 YEARS		2		7.2
SANTA BARBARA	FIGUEROA BS	34 42	120 00	3150				2		8.0
SANTA BARBARA	GOLETA	34 26	119 50	13		4 YEARS		2		8.8
SANTA BARBARA	MONASTERY	34 24	119 42	1300				2		4.7
SANTA BARBARA	PT ARGUELLO	34 40	120 35	367	15	07/59	03/65	16	E I	7.8
SANTA BARBARA	PT CONCEPTION	34 27	120 31	70		2 YEARS		2		13.2
SANTA BARBARA	PT CONCEPTION TWR B	34 27 24	120 24 36	98	30	03/71	05/72	7	D	13.0
SANTA BARBARA	PT CONCEPTION TWR T	34 27 24	120 24 36	98	148	03/71	05/72	7	D	13.9
SANTA BARBARA	REFUGIO	34 28	120 05	50		1 YEAR		2		5.5
SANTA BARBARA	SAN MIGUEL ISLAND	34 03	120 21	551		02/40	06/42	1	D	16.2
SANTA BARBARA	SANTA BARBARA AP 01	34 26	119 50	13	58	11/48	07/60	16	DE G I K	4.1
SANTA BARBARA	SANTA BARBARA AP 02	34 26	119 50	13	20	07/60	12/64	16	DE I K	6.6
SANTA BARBARA	SANTA MARIA AP 01	34 54	120 27	238	47	01/48	10/54	16	DE G I	7.5
SANTA BARBARA	SANTA MARIA AP 02	34 54	120 27	238	54	10/54	05/63	16	DE I K	6.8
SANTA BARBARA	SANTA MARIA AP 03	34 54	120 27	238	24	07/64	12/78	16	DE I K	9.2
SANTA BARBARA	SANTA MARIA-HAN FLD	34 56 18	120 25 30	230	46	01/48	09/54	7	D	7.4
SANTA BARBARA	SANTA ROSA ISLAND	33 55	120 07	1348		06/43	02/44	1	D	16.8
SANTA BARBARA	VANDENBERG AFB 01	34 43	120 34	380	15	06/59	10/65	16	DE GHI	6.5
SANTA BARBARA	VANDENBERG AFB 02	34 43	120 34	380	31	10/65	10/70	16	DE HI K	6.5
SANTA BARBARA	VANDENBERG AFB 03	34 43	120 34	380	12	10/70	12/74	16	DE HI K	6.7
SANTA BARBARA	VANDENBERG-BOATHOUSE	34 43	120 37	78	54	/66	/67	1	D	9.1
SANTA CLARA	LOMA PRIETA LD	37 06	121 54	4240				2		11.2
SANTA CLARA	MOFFETT FIELD 01	37 25	122 03	39	71	01/50	07/61	16	DE I K	6.9
SANTA CLARA	MOFFETT FIELD 02	37 25	122 03	39	13	07/61	12/78	16	DE HI K	5.1
SANTA CLARA	PACHECO FS	37 00	121 24	320				2		8.7
SANTA CLARA	PACHECO PASS	37 06	121 14	1940	39	10/80	09/81	4	D	12.1
SANTA CLARA	SAN JOSE MUNIC. AP	37 22	121 55	17		10 YEARS		2		6.1
SANTA CLARA	SUNNYVALE-MOFFETT FB	37 25	122 03	40	13	01/45	12/72	1	G	6.1
SANTA CRUZ	DAVENPORT	37 00	122 11	98		01/71	12/71	1	D	8.5
SANTA CRUZ	EAGLE ROCK LD	37 12	122 12	2780				2		9.4
SHASTA	BIG BEND RS	41 00	121 54	1700				2		5.5

TABLE B COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
SHASTA	BURNEY FFS	40 54	121 42	971				2		6.1
SHASTA	FALL RIVER MILLS RS	41 00	121 30	3305				2		8.2
SHASTA	HIRTZ MOUNTAIN LD	40 54	122 18	3600				2		6.9
SHASTA	LAKESHORE GS	40 54	122 24	0				2		9.7
SHASTA	MANZANITA LAKE	40 30	121 36	5870				2		10.1
SHASTA	POLLARD FLATS	41 00	122 24	1640				2		7.0
SHASTA	REDDING	40 30	122 18	500				2		8.4
SHASTA	SHASTA BALLY	40 36 10	122 39 00	6209	33	09/81	08/82	14	D F	10.0
SHASTA	WHISKEYTOWN HQ	40 30	122 30	1310				2		6.2
SIERRA	DOG VALLEY	39 18	120 00	5880				2		9.5
SIERRA	SADDLEBACK LD	39 36	120 54	2039				2		8.4
SIERRA	SIERRAVILLE RS	39 36	120 24	4970				2		7.5
SISKIYOU	BALDY MOUNTAIN LD	41 48	123 30	5500				2		8.1
SISKIYOU	BLACK FOX MTN LD	41 24	121 54	6510				2		14.8
SISKIYOU	CALLAHAN RS	41 18	122 48	3140				2		6.1
SISKIYOU	CHINA PEAK	41 50 06	123 16 18	4175	33	09/81	07/82	14	D F	7.3
SISKIYOU	COLLINS BALDY	41 48	122 54	5490				2		9.9
SISKIYOU	CRAWFORD CREEK	41 12	123 06	2700				2		6.6
SISKIYOU	FORKS OF SALMON	41 18	123 18	1243				2		11.5
SISKIYOU	FORT JONES RS	41 36	122 54	2720				2		5.6
SISKIYOU	HAPPY CAMP RS	41 48	123 24	332				2		4.5
SISKIYOU	HERD PEAK	41 36	122 12	7070				2		11.6
SISKIYOU	KELSEY CREEK	41 36	123 06	2270				2		7.2
SISKIYOU	LODGE POLE BS	41 48	122 12	6020				2		5.7
SISKIYOU	MAHOGANY POINT	41 44 00	122 44 42	5800	33	09/81	08/82	14	D F	8.3
SISKIYOU	MCCLOUD RS	41 18	122 06	3200				2		6.8
SISKIYOU	MONTAGUE 01	41 47	122 28	2641	26	01/50	10/53	16	E G I	7.7
SISKIYOU	MONTAGUE 02	41 47	122 28	2641	27	10/53	12/54	16	E	6.7
SISKIYOU	MONTAGUE SY CNY AP	41 46	122 28	2635	20	10/53	12/65	1		6.1
SISKIYOU	MT HEBRON RS	41 48	122 00	4250				2		7.8
SISKIYOU	MT SHASTA CITY 01	41 19	122 19	3550	130	01/50	02/52	16	E G I K	7.8
SISKIYOU	MT SHASTA CITY 02	41 19	122 19	3550	32	10/54	12/83	16	E I K	7.4
SISKIYOU	ORR MOUNTAIN LD	41 42	122 00	5850				2		12.9
SISKIYOU	PARADISE CRAGGY LD	41 48	122 36	4910				2		10.1
SISKIYOU	ROUND MOUNTAIN LD	41 24	121 30	5270				2		11.0
SISKIYOU	SAWYERS BAR	41 18	123 06	2170				2		7.1
SISKIYOU	SCARFACE RIDGE	41 32 42	122 37 36	5100	33	09/81	08/82	14	D F	7.8
SISKIYOU	SEIAD VALLEY RS	41 54	123 12	1380				2		4.8
SISKIYOU	SLATES BUTTE LD	41 54	123 24	4670				2		8.2
SISKIYOU	TENNANT	41 36	121 54	4800				2		5.2
SISKIYOU	UKONUM LD	41 36	123 30	4670				2		7.8
SOLANO	FAIRFIELD SNE CEMENT	38 18 00	121 59 54	691	30	04/82	04/83	6	D	13.3
SOLANO	MONTEZUMA-COLLINSVIL	38 05	121 49	49	33	05/70	04/71	1	D	11.5
SOLANO	MT VACA	38 24 00	122 06 18	2919	30	03/82	03/83	6		13.3
SOLANO	MT VACA PGE	38 24	122 06	2820		11/72	10/74	1	D	14.7
SOLANO	POTRERO HILLS	38 12	121 57	370	39	10/80	09/81	4	D	Heart of SWRA
SOLANO	SOLANO PGE S-02	38 06 44	122 11 35	600	30	03/79	12/79	12	D F	13.3
SOLANO	SOLANO PGE S-04	38 09 20	122 07 36	604	30	03/79	12/79	12	D F	18.5

→ Ridgeline
w/ H 680 - m.d.c

TABLE B COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
SOLANO	SOLANO PGE S-06	38 12 14	122 09 37	200	30	03/79	12/79	12	D F	✓ 17.7
SOLANO	SOLANO PGE S-07	38 14 23	122 05 08	40	30	03/79	10/79	12	D F	11.4
SOLANO	SOLANO PGE S-08	38 12 22	122 00 32	160	30	03/79	11/79	12	D F	14.9
SOLANO	SOLANO PGE S-09	38 12 32	121 56 56	381	30	03/79	12/79	12	D F	✓ 18.0
SOLANO	SOLANO PGE S-10	38 12 17	121 52 53	100	30	03/79	10/79	12	D F	14.6
SOLANO	SOLANO PGE S-16	38 12 58	122 12 16	360	30	03/79	10/79	12	D F	12.4
SOLANO	SOLANO PGE S-17	38 11 48	122 12 18	824	30	10/79	12/79	12	D	11.0
SOLANO	SOLANO PGE S-18	38 09 41	122 11 45	765	30	03/79	12/79	12	D F	15.9
SOLANO	TRAVIS AFB 01	38 16	121 56	59	71	01/49	12/57	16	DE I K	13.4
SOLANO	TRAVIS AFB 02	38 16	121 56	59	14	01/58	12/70	16	DE GHI K	10.4
SONOMA	BODEGA BAY PUD	38 19 30	123 01 30	200	30	03/82	02/83	6	D	8.9
SONOMA	CLOVERDALE FS	38 48	123 00	310				2		3.4
SONOMA	JENNER AAB	38 27	123 07	236		06/43	05/45	1	D	10.5
SONOMA	MT JACKSON LD	38 30	123 00	1650				2		9.2
SONOMA	DAK RIDGE LD	38 42	123 18	2615				2		9.4
SONOMA	SANTA ROSA AAF	38 25	122 45	105		04/43	12/45	1		5.8
SONOMA	THE GEYSERS 07-08	38 49 00	122 48 00	3100	30	11/72	03/75	7	D	11.4
SONOMA	THE GEYSERS PBE	38 50	122 37	1670		11/72	10/74	1		11.4
STANISLAUS	CROWS LANDING NAS	37 25	121 06	158		01/44	02/45	1	D	8.0
STANISLAUS	MODESTO	37 38	120 59	95		2.5 YEARS		2		7.2
STANISLAUS	MT OSO LD	37 30	121 24	3750				2		9.2
STANISLAUS	STANISLAUS TOWER B	37 43 18	120 37 06	259	33	06/75	08/78	7	D J	7.2
STANISLAUS	STANISLAUS TOWER T	37 43 18	120 37 06	259	180	06/76	05/78	7	D J	10.1
TEHAMA	BLACK BUTTE RES.	39 48	122 20	130	2	14 YEARS		2		2.8
TEHAMA	COLBY MOUNTAIN	40 12	121 30	6000				2		11.5
TEHAMA	EAGLE PEAK LD	39 54	122 42	3700				2		14.0
TEHAMA	INSKIP HILL LD	40 18	122 00	3020				2		10.6
TEHAMA	RED BLUFF AP 01	40 09	122 15	344	35	01/50	12/63	19	DE G I K	9.1
TEHAMA	RED BLUFF AP 02	40 09	122 15	344	20	01/64	12/83	19	DE HI K	8.5
TEHAMA	THOMES CREEK	39 51 24	122 36 42	1011	20	01/81	12/81	7	D	4.7
TEHAMA	VINA	39 54	122 06	260				2		9.7
TRINITY	BIG BAR RS	40 48	123 18	1270				2		6.4
TRINITY	COFFEE CREEK	41 06	122 42	2480				2		6.5
TRINITY	HAYFORK RS	40 36	123 12	2340				2		5.9
TRINITY	HYAMPOM GS	40 36	123 30	1200				2		4.5
TRINITY	KETTENPOM LD	40 06	123 30	4080				2		6.5
TRINITY	LIMEBYKE LD	40 30	123 24	4690				2		8.0
TRINITY	MAD RIVER RS	40 18	123 30	2700				2		10.1
TRINITY	PICKETT PEAK	40 20 45	123 21 45	5781	33	10/81	08/82	14	D F	8.1
TRINITY	RUTH RS	40 12	123 18	2800				2		8.2
TRINITY	TERMINOUS DAM	36 25	119 00	570	2	13 YEARS		2		2.2
TRINITY	WEAVERVILLE RS	40 42	122 54	2050				2		6.4
TULARE	ASH MOUNTAIN HQ	36 30	118 48	1740				2		9.6
TULARE	BALD MOUNTAIN 02	36 00	118 18	2874				2		12.0
TULARE	BEAR MOUNTAIN LD	36 42	119 00	3800				2		7.8
TULARE	BELL	35 59	118 11	150	35	09/52	12/56	1		5.9
TULARE	CAMP WHITSETT	36 00	118 18	4800				2		8.1
TULARE	CEDAR	36 36	118 42	5000				2		13.8

slits of Hwy 12

part

*- Am Canyon
Red
near
Hollen
Brook
golf
club*

TABLE B
COUNTY INDEX TO WIND STATIONS

COUNTY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	HT. (FT)	RECORD BEGINS	RECORD ENDS	REF	TABLE	MWS (MPH)
TULARE	GRANT GROVE	36 42	118 54	6660				2		8.2
TULARE	MILK RANCH	36 30	118 48	6250				2		15.5
TULARE	PARK RIDGE	36 42	118 54	7220				2		8.3
TULARE	REDWOOD MOUNTAIN	36 24	118 30	6200				2		8.7
TULARE	SUCCESS DAM	36 03	118 55	580	2	13	YEARS	2		1.5
TUOLUMNE	GROVELAND RS	37 48	120 06	3200				2		10.9
TUOLUMNE	MT ELIZABETH LO	38 06	120 12	4930				2		9.1
TUOLUMNE	PINECREST	38 12	120 00	5600				2		9.5
TUOLUMNE	WOODS RIDGE LO	38 00	120 00	6000				2		14.6
VENTURA	CASITAS	34 23	119 23	780		1	YEAR	2		7.4
VENTURA	CHUCHUPATE RS	34 48	119 00	5280				2		8.7
VENTURA	OXNARD AFB 01	34 13	119 05	95	26	01/53	12/57	16	DE I K	5.3
VENTURA	OXNARD AFB 02	34 13	119 05	95	13	01/58	12/69	16	DE GHI K	4.6
VENTURA	OZENA	34 42	119 18	3570				2		8.8
VENTURA	PIRU	34 25 00	118 47 30	7		01/78	01/79	7	D	7.2
VENTURA	PT HUENEME	34 09	119 12	16		08/38	12/41	1	D	7.4
VENTURA	PT MUGU 01	34 07	119 07	11	78	01/50	12/58	16	DE B I K	8.5
VENTURA	PT MUGU 02	34 07	119 07	11	13	02/63	12/78	16	DE HI K	5.7
VENTURA	ROSE VALLEY	34 36	119 12	3530				2		11.0
VENTURA	SAN NICOLAS IS 01	33 15	119 27	568	35	03/47	03/57	16	DE I	12.1
VENTURA	SAN NICOLAS IS 02	33 15	119 27	568	65	04/57	12/63	16	DE I K	11.8
VENTURA	SAN NICOLAS IS 03	33 15	119 27	568	15	01/64	02/72	16	DE HI K	10.4
VENTURA	TEHESCAL	34 30	118 48	1130				2		8.8
YOLO	DAVIS DDE TOWER 01	38 32	121 46	60	3	01/79	12/80	17	E J	3.6
YOLO	DAVIS DDE TOWER 02	38 32	121 46	60	7	01/79	12/80	17	E J	4.7
YOLO	DAVIS DDE TOWER 03	38 32	121 46	60	16	01/79	12/80	17	E J	5.8
YOLO	DAVIS DDE TOWER 04	38 32	121 46	60	33	01/79	12/81	17	E J	7.1
YOLO	DAVIS DDE TOWER 05	38 32	121 46	60	49	01/79	09/80	17	E J	7.2
YUBA	BEALE AFB 01	39 08	121 26	126		08/43	12/70	1	D H	5.8
YUBA	BEALE AFB 02	39 08	121 26	126	13	09/60	12/70	16	DE G I	5.6

TABLE E
MEAN MONTHLY WIND SPEED
(MILES PER HOUR)

TRAVIS AFB 01		HT = 71 FT										38-16/121-56		59 FT	
YEAR	ANN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1949	16.0	12.9	9.6	12.5	17.2	20.3	22.4	24.1	21.8	17.5	13.2	7.7	13.2		
1950	15.5	10.1	9.2	12.3	12.9	20.5	22.3	25.3	20.6	17.9	12.7	9.8	12.7		
1951	16.6	10.5	10.2	13.0	19.5	19.1	26.8	24.6	23.6	20.6	11.1	9.7	11.1		
1952	15.7	10.0	10.4	14.2	15.3	17.0	20.8	24.1	21.4	15.8	13.9	11.2	13.9		
1953	12.3	5.6	10.4	9.6	12.5	11.7	16.1	19.1	19.8	16.8	10.0	6.2	10.0		
1954	11.6	7.0	6.8	11.5	10.1	15.3	14.9	18.3	17.1	12.6	10.4	5.2	10.4		
1955	12.4	6.7	8.9	10.6	13.8	14.6	21.6	18.5	17.5	13.8	8.9	5.1	8.9		
1956	11.0	6.9	11.8	10.4	9.7	12.5	13.7	16.9	14.4	11.1	9.2	6.1	9.2		
1957	9.7	6.4	6.6	3.6	10.6	11.3	13.7	14.7	13.5	12.6	5.9	6.5	5.9		
AVG	13.4	8.5	9.3	11.4	13.5	15.8	19.1	20.6	18.9	15.4	10.6	7.5	10.6		

TRAVIS AFB 02		HT = 14 FT										38-16/121-56		59 FT	
YEAR	ANN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1958	9.6	5.1	6.8	7.6	9.3	12.0	13.4	16.0	14.2	9.2	8.0	5.1	8.0		
1959	11.0	6.8	7.7	9.4	10.7	11.3	14.4	16.0	15.6	12.6	10.7	5.6	10.7		
1960	9.6	5.6	7.4	7.7	7.9	8.9	12.8	15.0	14.4	12.3	9.7	3.6	9.7		
1961	10.0	5.6	6.8	10.6	9.1	11.5	15.2	13.8	12.7	10.8	8.5	6.8	8.5		
1962	11.0	5.8	8.7	9.1	9.8	12.7	14.3	16.7	16.0	13.7	10.0	5.5	10.0		
1963	9.0	6.0	5.3	7.7	4.5	11.2	15.9	16.6	13.2	9.6	6.2	5.6	6.2		
1964	11.5	6.7	9.6	8.8	11.4	13.4	14.9	16.7	17.6	14.1	8.6	7.3	8.6		
1965	9.9	6.2	7.1	7.0	8.9	11.8	14.0	14.4	14.8	11.8	7.7	7.6	7.7		
1966	11.2	6.3	7.2	8.8	12.5	15.0	13.9	15.6	14.7	13.0	9.8	7.2	9.8		
1967	9.5	6.7	6.2	9.1	8.0	10.3	14.4	14.7	13.8	11.6	6.8	5.9	6.8		
1968	10.6	5.6	5.3	8.4	11.3	14.0	16.8	17.7	13.7	11.9	8.2	6.1	8.2		
1969	11.2	8.4	8.4	8.9	10.9	15.9	18.4	17.1	12.1	12.7	8.5	4.3	8.5		
1970	11.6	8.5	6.9	9.0	11.0	14.7	17.7	17.6	15.9	10.1	10.5	6.2	10.5		
AVG	10.4	6.4	7.2	8.6	9.6	12.5	15.1	16.0	14.5	11.8	8.7	5.9	8.7		

UKIAH AP 01		HT = 30 FT										39-08/123-12		631 FT	
YEAR	ANN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1950	4.2	4.0	3.4	3.8	4.7	4.5	5.8	5.1	4.7	4.2	4.7	2.7	3.1		
1951	4.3	3.4	4.0	4.7	4.7	4.7	5.4	4.5	4.2	3.8	4.0	3.8	4.0		
1952	4.5	3.6	4.2	5.6	6.0	4.7	5.6	5.4	4.2	4.2	3.1	3.1	4.7		
1953	4.5	4.2	4.2	5.6	4.7	5.6	6.3	4.9	4.9	3.8	3.4	3.6	2.2		
1954	3.7	4.5	2.9	3.4	4.2	4.7	5.6	4.0	5.1	3.1	2.7	2.5	2.2		
1955	3.4	1.8	2.0	2.9	4.0	5.1	4.7	4.9	2.9	2.7	3.1	2.7	4.2		
1956	3.7	2.9	3.4	3.8	4.5	4.9	5.4	5.8	5.1	3.6	4.2	0.7	0.7		
1957	3.2	2.2	3.4	4.0	3.8	4.7	4.9	4.0	3.8	3.1	2.2	1.1	1.3		
1958	3.0	1.8	4.5	3.4	3.4	2.7	4.0	3.6	3.8	3.6	2.5	2.5	0.7		
1959		4.2	3.1	3.8	3.8	6.0	6.5	4.7	3.8	4.9					
AVG	3.9	3.3	3.5	4.1	4.4	4.8	5.4	4.7	4.3	3.7	3.3	2.5	2.6		

UKIAH AP 02		HT = 20 FT										39-08/123-12		631 FT	
YEAR	ANN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1959										4.2	2.5	0.7	1.6		
1960	3.7	3.6	3.8	4.7	4.2	5.1	4.5	3.6	3.6	2.7	3.4	3.1	2.2		
1961	3.6	2.2	4.2	4.2	4.0	5.1	4.7	4.0	4.2	3.1	2.9	2.7	1.6		

TABLE E
MEAN MONTHLY WIND SPEED
(MILES PER HOUR)

TRAVIS AFB 01 HT = 71 FT 38-16/121-56 59 FT

YEAR	ANN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1949	16.0	12.9	9.6	12.5	17.2	20.3	22.4	24.1	21.8	17.5	13.2	7.7	13.2
1950	15.5	10.1	9.2	12.3	12.9	20.5	22.3	25.3	20.6	17.9	12.7	9.8	12.7
1951	16.6	10.5	10.2	13.0	19.5	19.1	26.8	24.6	23.6	20.6	11.1	9.7	11.1
1952	15.7	10.0	10.4	14.2	15.3	17.0	20.8	24.1	21.4	15.8	13.9	11.2	13.9
1953	12.3	5.6	10.4	9.6	12.5	11.7	16.1	19.1	19.8	16.8	10.0	6.2	10.0
1954	11.6	7.0	6.8	11.5	10.1	15.3	14.9	18.3	17.1	12.6	10.4	5.2	10.4
1955	12.4	6.7	8.9	10.6	13.8	14.6	21.6	18.5	17.5	13.8	8.9	5.1	8.9
1956	11.0	6.9	11.8	10.4	9.7	12.5	13.7	16.9	14.4	11.1	9.2	6.1	9.2
1957	9.7	6.4	6.6	8.6	10.6	11.3	13.7	14.7	13.5	12.6	5.9	6.5	5.9
AVG	13.4	8.5	9.3	11.4	13.5	15.8	19.1	20.6	18.9	15.4	10.6	7.5	10.6

TRAVIS AFB 02 HT = 14 FT 38-16/121-56 59 FT

YEAR	ANN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1958	9.6	5.1	6.8	7.6	9.3	12.0	13.4	16.0	14.2	9.2	8.0	5.1	8.0
1959	11.0	6.8	7.7	9.4	10.7	11.3	14.4	16.0	15.6	12.6	10.7	5.6	10.7
1960	9.6	5.6	7.4	7.7	7.9	8.9	12.8	15.0	14.4	12.3	9.7	3.6	9.7
1961	10.0	5.6	6.8	10.6	9.1	11.5	15.2	13.8	12.7	10.8	8.5	6.8	8.5
1962	11.0	5.8	8.7	9.1	9.8	12.7	14.3	16.7	16.0	13.7	10.0	5.5	10.0
1963	9.0	6.0	5.3	7.7	4.5	11.2	15.9	16.6	13.2	9.6	6.2	5.6	6.2
1964	11.5	6.7	9.6	8.8	11.4	13.4	14.9	16.7	17.6	14.1	8.6	7.3	8.6
1965	9.9	6.2	7.1	7.0	8.9	11.8	14.0	14.4	14.8	11.8	7.7	7.6	7.7
1966	11.2	6.3	7.2	8.8	12.5	15.0	13.9	15.6	14.7	13.0	9.8	7.2	9.8
1967	9.5	6.7	6.2	9.1	8.0	10.3	14.4	14.7	13.8	11.6	6.8	5.9	6.8
1968	10.6	5.6	5.3	8.4	11.3	14.0	16.8	17.7	13.7	11.9	8.2	6.1	8.2
1969	11.2	8.4	8.4	8.9	10.9	15.9	18.4	17.1	12.1	12.7	8.5	4.3	8.5
1970	11.6	8.5	6.9	9.0	11.0	14.7	17.7	17.6	15.9	10.1	10.5	6.2	10.5
AVG	10.4	6.4	7.2	8.6	9.6	12.5	15.1	16.0	14.5	11.8	8.7	5.9	8.7

UKIAH AP 01 HT = 30 FT 39-08/123-12 631 FT

YEAR	ANN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1950	4.2	4.0	3.4	3.8	4.7	4.5	5.8	5.1	4.7	4.2	4.7	2.7	3.1
1951	4.3	3.4	4.0	4.7	4.7	4.7	5.4	4.5	4.2	3.8	4.0	3.8	4.0
1952	4.5	3.6	4.2	5.6	6.0	4.7	5.6	5.4	4.2	4.2	3.1	3.1	4.7
1953	4.5	4.2	4.2	5.6	4.7	5.6	6.3	4.9	4.9	3.8	3.4	3.6	2.2
1954	3.7	4.5	2.9	3.4	4.2	4.7	5.6	4.0	5.1	3.1	2.7	2.5	2.2
1955	3.4	1.8	2.0	2.9	4.0	5.1	4.7	4.9	2.9	2.7	3.1	2.7	4.2
1956	3.7	2.9	3.4	3.8	4.5	4.9	5.4	5.8	5.1	3.6	4.2	0.7	0.7
1957	3.2	2.2	3.4	4.0	3.8	4.7	4.9	4.0	3.8	3.1	2.2	1.1	1.3
1958	3.0	1.8	4.5	3.4	3.4	2.7	4.0	3.6	3.8	3.6	2.5	2.5	0.7
1959		4.2	3.1	3.8	3.8	6.0	6.5	4.7	3.8	4.9			
AVG	3.9	3.3	3.5	4.1	4.4	4.8	5.4	4.7	4.3	3.7	3.3	2.5	2.6

UKIAH AP 02 HT = 20 FT 39-08/123-12 631 FT

YEAR	ANN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1959										4.2	2.5	0.7	1.6
1960	3.7	3.6	3.8	4.7	4.2	5.1	4.5	3.6	3.6	2.7	3.4	3.1	2.2
1961	3.6	2.2	4.2	4.2	4.0	5.1	4.7	4.0	4.2	3.1	2.9	2.7	1.6

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

AP ALTAMONT PGE A-01 (AD 11) HT = 30 FT 37-42/121-35 1003 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 15.4 -- 20.3 25.4 21.9 25.0 14.6 14.7 8.9 8.5

9 MONTH AVG: 17.7

AP ALTAMONT PGE A-03 (AD 18) HT = 30 FT 37-39/121-37 1765 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 12.6 16.7 17.9 18.9 19.1 21.3 14.4 13.5 9.6 8.5

10 MONTH AVG: 15.4

AP ALTAMONT PGE A-06 (AD 3) HT = 30 FT 37-46/121-41 820 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 12.2 16.2 19.1 23.8 23.0 -- 19.0 13.5 8.1 7.3

9 MONTH AVG: 15.6

AP ALTAMONT PGE A-08B (AD 6) HT = 30 FT 37-45/121-37 640 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 12.8 15.3 20.8 24.1 23.5 26.1 17.8 15.1 8.8 6.9

10 MONTH AVG: 17.0

AP ALTAMONT PGE A-08V (AD 2) HT = 30 FT 37-47/121-38 740 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 10.0 19.0 -- -- 30.0 34.1 22.3 19.2 8.8 6.9

8 MONTH AVG: 19.7

AP ALTAMONT PGE A-09H (SJ 9) HT = 30 FT 37-38/121-25 520 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 8.9 13.8 16.2 12.0 -- 12.7 11.0 10.0

7 MONTH AVG: 12.0

AP ALTAMONT PGE A-13 (AD 15) HT = 30 FT 37-41/121-38 1640 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 10.8 -- -- 16.6 16.4 18.0 13.0 13.0 12.0 12.0

8 MONTH AVG: 14.0

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

AP ALTAMONT PGE A-17 (CC 7) HT = 30 FT 37-49/121-48 2460 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 13.9 16.6 18.0 17.6 15.4 16.1 15.0 11.0 -- 12.0

9 MONTH AVG: 15.1

AP ALTAMONT PGE A-18 (CC 6) HT = 30 FT 37-51/121-42 340 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 9.7 13.8 16.2 19.0 15.7 -- 12.4 12.2 8.1 7.7

9 MONTH AVG: 10.4

AP ALTAMONT PGE A-19 (SJ 8) HT = 30 FT 37-39/121-29 1089 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 9.0 15.5 15.9 15.9 14.0 6.3 10.7 10.0 6.0

9 MONTH AVG: 12.8

SD ANGEL MOUNTAIN (SG 8) HT = 33 FT 33-12/116-45 3500 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1982 5.3 4.5 5.6 4.2 6.7 5.1
 1983 5.8 6.5 9.6 7.9 6.7 6.3

12 MONTH AVG: 6.1

SE ANTELOPE (LX 1) HT = 36 FT 34-47/118-33 2850 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 8.9 11.2 7.8 15.2 16.8 17.9 14.5 14.5 12.3 11.2 11.2 11.2

ANNUAL AVG: 12.8

NE ANTELOPE RADIO FAC (LS 6) HT = 30 FT 40-27/120-33 5828 FT
 YEAR WINTER SPRING SUMMER FALL
 1978 9.0
 1979 9.9 12.1 12.8

SEASONAL AVG: 11.0

TM ANTELOPE VALLEY (05) (KR 24) HT = 33 FT 34-51/118-34 3248 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 10.2 9.5 5.7 10.3 8.4 6.1
 1980 9.1 -- 9.5 10.9 14.4

10 MONTH AVG: 9.4

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SE	APPLE VALLEY SOUTH	(SE 27)	HT = 33 FT	34-26/117-10	3600 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	1980	2.2	8.9	8.9	10.1	11.2	10.1	10.1	11.2	7.8	6.7	4.5	10.1
	ANNUAL AVG:		8.5										
SD	BANNER CANYON	(S6 11)	HT = 33 FT	33-05/116-34	3140 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	1982							6.2	5.3	6.2	6.2	5.8	5.6
	1983	4.9	6.0	7.4	7.5	7.5	7.8						
	12 MONTH AVG:		6.2										
NE	BCKWRTH PASS-RD6TP	(LS 11)	HT = 30 FT	39-48/120-06	5640 FT								
	YEAR	WINTER		SPRING		SUMMER		FALL					
	1978							12.1					
	1979	11.9		13.5		16.0							
	SEASONAL AVG:		13.4										
NE	BCKWRTH PASS-SADDLE	(PM 1)	HT = 30 FT	39-42/120-07	5410 FT								
	YEAR	WINTER		SPRING		SUMMER		FALL					
	1978							9.2					
	1979	9.2		10.9		12.5							
	SEASONAL AVG:		10.4										
NW	BEAR RIVER RIDGE EST	(HB 7)	HT = 33 FT	40-27/124-09	2040 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	1981										8.4	7.5	15.5
	1982	11.7	14.3	13.2	14.2	15.4	9.5	10.7	8.9				
	11 MONTH AVG:		12.0										
NW	BEAR RIVER RIDGE WST	(HB 6)	HT = 33 FT	40-29/124-21	1530 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	1981									13.6	10.3	14.4	17.7
	1982	14.8	16.4	14.4	17.8	17.8	--	19.7	16.4				
	11 MONTH AVG:		15.4										

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SC BEN WESTON RIDGE (LX 24) HT = 33 FT 33-21/118-28 1150 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 10 11 10 13 11 9 11 9 9
 1981 12 12 13

12 MONTH AVG: 10.8

SE BLACK (RV 45) HT = 49 FT 33-45/114-31 680 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 13.4 11.2 13.4 13.4 14.5 13.4 13.4 16.8 11.2 10.1 11.2 10.1

ANNUAL AVG: 12.7

SD BORREGO SPRINGS (S6 6) HT = 33 FT 33-20/116-22 790 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1982 9.9 8.6 10.0 8.6 7.1 6.9
 1983 7.0 -- 12.3 11.8 13.6 12.5

11 MONTH AVG: 10.0

SD BOULDER PARK HT = 33 FT 32-40/116-06 2880 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1982 16.2 17.0 21.2 14.8 16.9 13.4
 1983 13.4 16.7 27.8 27.6 26.8 28.9

12 MONTH AVG: 20.0

SE BRISTOL (SE 21) HT = 49 FT 34-36/115-41 2860 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 -- -- -- -- 11.2 10.1 8.9 8.9 6.7 7.8 6.7 5.6

8 MONTH AVG: 8.2

SD BUTTERFIELD RANCH HT = 33 FT 32-59/116-26 2020 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1982 8.0 6.3 7.1 6.0 5.4 4.6
 1983 3.4 -- -- 10.5 9.9 9.6

10 MONTH AVG: 7.0

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

NW CAHOTO PEAK (MC 1) HT = 33 FT 39-41/123-35 4234 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1981 10.3 9.8 14.2 13.7
1982 13.3 12.9 11.1 8.6 12.0 6.6 6.9 7.9

12 MONTH AVG: 11.0

SC CAJON MOUNTAIN HT = 33 FT 34-16/117-25 5310 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1980 18.1 22.4 15.7 15.7 21.0 19.3
1981 14.3

7 MONTH AVG: 18.1

CC CALTRANS SITE 24 HT = 37-30/122-22 870 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1975 12.3 12.6 13.8 12.1 13.6 17.1 14.2 13.8 11.6 9.7 9.9 11.4

ANNUAL AVG: 12.7

SE CAMERON (KR 10) HT = 36 FT 35-54/118-21 4480 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1980 11.2 12.3 12.3 17.9 21.3 23.5 19.0 19.0 15.7 14.5 11.2 11.2

ANNUAL AVG: 15.8

NW CHINA PEAK (SY 1) HT = 33 FT 41-50/123-16 4175 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1981 5.9 6.8 8.2 8.4
1982 13.7 -- -- -- -- 4.7 5.1

7 MONTH AVG: 7.3

SD CIRCLE 2 RANCH (SB 22) HT = 33 FT 32-40/116-15 3490 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1982 8.8 5.5 10.2 9.1 10.0 11.0
1983 9.6 9.7 13.9 13.6 10.5 9.8

12 MONTH AVG: 10.5

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

NW	COW MOUNTAIN	(LK 1)	HT = 33 FT	39-08/123-04	3570 FT								
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1981									7.9	9.9	13.2	14.7	
1982	10.5	12.8	15.8	8.7	11.9	11.3	11.1	10.7					
12 MONTH AVG: 11.7													
SE	COYOTE	(SE 10)	HT = 36 FT	34-59/116-42	1780 FT								
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1980	8.7	5.6	7.8	7.8	10.1	10.1	7.8	10.1	--	--	--	--	
8 MONTH AVG: 8.3													
SE	DAGGETT	(SE 14)	HT = 56 FT	34-51/116-47	1930 FT								
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1980	10.1	--	--	10.1	15.7	16.8	--	13.4	10.1	10.1	7.8	7.8	
9 MONTH AVG: 11.3													
SD	DESCANSO	(SG 17)	HT = 33 FT	32-49/116-38	3400 FT								
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1982								6.1	6.9	7.3	9.1	9.8	10.0
1983	10.0	8.7	8.1	8.4	7.1	5.9							
12 MONTH AVG: 8.2													
SE	ELEPHANT	(SE 11)	HT = 33 FT	34-53/116-54	2690 FT								
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1980	10.5	12.3	20.1	--	21.3	21.3	16.8	19.0	14.5	14.5	10.1	12.3	
11 MONTH AVG: 16.1													
SE	FAIRMONT	(LX 7)	HT = 36 FT	34-42/118-26	3130 FT								
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1980	14.5	11.2	10.1	--	21.3	17.9	16.8	21.3	13.4	11.2	10.1	10.1	
11 MONTH AVG: 14.4													
NE	FANDANGO PASS	(MX 1)	HT = 30 FT	41-48/120-12	6290 FT								
YEAR	WINTER		SPRING			SUMMER			FALL				
1978									15.4				
1979	15.6		13.7			14.7							
SEASONAL AVG: 14.9													

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

NW HORSE MOUNTAIN (HB 2) HT = 33 FT 40-52/123-44 4950 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1981 6.5 6.1 8.1 9.1
 1982 8.2 7.6 8.0 7.2 8.5 6.5 6.6 5.7

12 MONTH AVG: 7.2

SD JACUMBA AP (SG 28) HT = 33 FT 32-37/116-10 2800 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1982 6.1 5.0 6.5 5.5 6.8 4.5
 1983 -- -- -- -- -- --

6 MONTH AVG: 5.9

SD JULIAN (SB 12) HT = 33 FT 33-04/116-34 4640 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1982 17.9 13.3 15.0 14.4 14.3 12.7
 1983 18.2 -- 30.9 25.4 21.7 21.2

11 MONTH AVG: 18.7

NW KNEELAND PRAIRIE (HB 5) HT = 33 FT 40-44/123-58 2672 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1981 8.3 8.9 13.4 15.1
 1982 12.5 14.7 11.6 11.6 8.7 6.6 6.3 5.4

12 MONTH AVG: 10.6

SE KRAMERS (SE 9) HT = 36 FT 34-59/117-33 2460 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 11.2 2.2 -- -- -- 13.4 10.1 12.3 6.7 6.7 4.5 3.4

9 MONTH AVG: 7.8

TM LA LIEBRE (02) (KR 19) HT = 33 FT 34-54/118-40 5955 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 18.4 15.6 11.1 15.7 16.5 17.0
 1980 15.2 18.9 -- -- 20.9 21.7

10 MONTH AVG: 17.1

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

TM LA LIEBRE (09) (KR 23) HT = 33 FT 34-52/118-45 5398 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1979 11.7 14.5 13.3 11.1 10.3 13.2 17.2 15.2
1980 16.6 18.3 12.1 12.6

12 MONTH AVG: 13.8

SD LAKE RIVERSIDE (RV 50) HT = 33 FT 33-31/116-48 3520 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1982 8.1 8.3 8.4 9.5 -- 9.7
1983 10.8 8.9 8.7 9.4 8.4 7.9

11 MONTH AVG: 9.0

AP LIVERMORE 300 ECP (SJ 7) HT = 30 FT 37-39/121-32 1181 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1973 8.2 7.9 12.4 16.0 18.5 17.6 18.3 16.4 16.2 8.8 9.8 6.3
1974 8.5 10.3 9.9 12.3 -- -- 15.8 15.6 13.3 14.1 -- --
1975 -- -- -- -- -- -- -- -- 8.3 10.8 10.8 6.9
1976 6.2 7.9 12.7 14.5 19.4 18.6 16.5 14.2 10.5 8.7 4.4 4.6
1977 4.9 6.9 14.8 15.1 15.1 15.3 17.4 12.8 9.4 9.2 10.1 6.3

ANNUAL AVG: 12.0

AP LIVERMORE 300 WOP (AD 16) HT = 30 FT 37-40/121-33 1722 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1973 11.5 11.6 17.8 19.4 21.7 20.9 20.5 19.1 20.2 14.2 12.4 13.3
1974 13.3 15.2 14.4 17.7 24.0 22.1 21.2 18.2 15.2 16.6 -- --

ANNUAL AVG: 17.3

SE LUDLOW (SE 17) HT = 36 FT 34-43/116-10 1800 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1980 7.8 7.8 8.9 -- 12.3 10.1 8.9 10.1 8.9 7.8 7.8 6.7

11 MONTH AVG: 8.8

NW MAHOGANY POINT (SY 2) HT = 33 FT 41-44/122-45 5800 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1981 6.4 7.6 12.3 14.7
1982 -- 12.6 8.0 9.6 7.1 5.8 4.6 5.2

11 MONTH AVG: 8.3

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SE	MECCA		(RV 48)	HT = 36 FT	33-40/115-59	1800 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	1980	8.9	8.9	8.9	10.1	10.1	--	--	--	7.8	7.8	5.6	7.8	
		9 MONTH AVG: 8.4												
SE	MOJAVE		(KR 11)	HT = 36 FT	34-04/118-11	2880 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	1980	10.1	8.9	5.6	--	16.8	16.8	16.8	14.5	10.1	10.1	8.9	6.7	
		11 MONTH AVG: 11.4												
SE	MOUNTAIN PASS		(SE 1)	HT = 46 FT	35-29/115-33	5200 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	1980	22.3	17.9	16.8	15.7	15.7	20.1	15.7	16.8	14.5	13.4	15.7	17.9	
		ANNUAL AVG: 16.9												
SD	MT LAGUNA		(SG 15)	HT = 33 FT	32-54/116-25	6040 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	1982								10.5	12.0	16.2	17.6	19.0	
	1983	16.7	20.6	24.4	19.9	19.1	17.6							
		12 MONTH AVG: 17.6												
SD	MT PALDMAR		(SG 4)	HT = 33 FT	33-21/116-52	5560 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	1982								4.6	4.6	6.2	6.9	8.8	
	1983	9.2	9.3	10.3	9.4	7.6	5.4							
		12 MONTH AVG: 7.6												
SC	NEENACH SUBSTATION			HT = 33 FT	34-46/118-30	2820 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	1980	6.9	7.7	11.1	11.5	12.8	13.6	10.4	11.0	8.4	8.2	7.9	6.7	
		ANNUAL AVG: 9.7												
SE	OAK HILL		(SE 28)	HT = 36 FT	34-22/117-26	4000 FT								
	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
	1980	11.2	10.1	10.1	--	14.5	12.3	11.2	--	10.1	8.9	8.9	10.1	
		10 MONTH AVG: 10.7												

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SE PALMDALE (LX 10) HT = 36 FT 34-32/118-33 3100 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 11.2 8.9 10.1 10.1 10.5 13.4 13.4 16.8 12.3 8.9 7.8 7.8

ANNUAL AVG: 11.3

NW PICKETT PEAK (TR 1) HT = 33 FT 40-21/123-22 5781 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1981 -- -- -- -- 6.4 7.1 6.4 5.5 9.0 12.2 12.9
 1982 -- -- -- -- 6.4 7.1 6.4 5.5

7 MONTH AVG: 8.1

NW PT ARENA TOWER B (MC 10) HT = 30 FT 38-56/123-43 70 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1977 5.6 8.7 13.6 14.3 14.3 12.8 12.3 11.9 11.9 9.8 12.1 12.5
 1978 13.6 11.0 11.2 10.3 13.4 11.4 11.4 11.9 11.1 8.7 6.7 8.3
 1979 10.7 11.0 10.1 10.5 12.8 13.2 10.5 11.0 -- 8.9 8.5 9.6
 1980 11.4 8.9 11.2 9.8 11.6 9.8 7.6 8.3 6.0 7.4 5.8 6.9
 1981 9.6 -- -- -- 15.4 14.1 16.6 16.6 17.0 -- -- --

ANNUAL AVG: 10.4

NW PT ARENA TOWER T (MC 10) HT = 150 FT 38-56/123-43 70 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1977 7.8 12.3 15.9 17.7 18.0 14.5 13.6 16.8 15.9 13.6 17.0 16.3
 1978 17.7 14.8 15.0 14.1 17.4 17.2 18.3 17.2 16.6 13.0 10.3 12.1
 1979 15.0 15.2 13.6 14.5 16.8 19.0 14.5 15.0 -- 13.0 12.1 14.1
 1980 20.8 14.3 17.9 14.8 16.6 14.3 12.8 13.4 11.6 10.7 10.5 11.0
 1981 14.5 -- -- -- 21.5 20.4 21.0 16.1 17.2 -- -- --

ANNUAL AVG: 14.8

SE QUARTZITE (SE 22) HT = 36 FT 34-37/117-17 4500 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 17.9 14.5 16.8 16.8 16.8 15.7 16.8 19.0 13.4 13.4 13.4 13.4

ANNUAL AVG: 15.7

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SD RAINBOW (SG 2) HT = 33 FT 33-24/117-08 1880 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1982 5.1 5.1 6.1 6.5 7.7 7.5
 1983 7.1 6.6 6.9 7.6 5.5 4.9

12 MONTH AVG: 6.3

SD RANCHITA (SG 9) HT = 33 FT 33-12/116-31 4120 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1982 10.0 10.4 10.2 8.7 8.5 7.7
 1983 8.6 9.2 15.1 13.5 13.6 12.9

12 MONTH AVG: 11.0

SE ROBBERS (KR 4) HT = 36 FT 35-33/117-56 3080 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 7.8 7.8 8.9 7.8 8.9 10.1 8.9 8.9 7.8 6.7 5.6 6.7

ANNUAL AVG: 8.0

SE RODMAN (SE 20) HT = 49 FT 34-39/116-38 5950 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 14.5 17.9 19.0 16.8 16.8 15.7 12.3 14.5 11.2 13.4 14.5 15.7

ANNUAL AVG: 15.2

CC ROMERO OVERLOOK B (MZ 3) HT = 30 FT 37-04/121-13 1500 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 8.3 6.7 6.5
 1981 7.6 6.7 9.6 9.8 15.7 13.2 13.9 14.8 12.3 9.8 7.6 6.9

15 MONTH AVG: 10.7

CC ROMERO OVERLOOK M (MZ 3) HT = 98 FT 37-04/121-13 1500 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 9.4 7.6 7.6
 1981 8.5 7.6 10.3 11.9 17.0 14.5 15.4 16.1 13.4 10.7 8.7 8.1

15 MONTH AVG: 11.9

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

CC ROMERO OVERLOOK T (MZ 3) HT = 150 FT 37-04/121-13 1500 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 11.4 9.6 9.8
 1981 11.0 9.6 12.3 13.6 18.3 16.1 17.0 17.9 15.2 12.5 11.0 10.1

15 MONTH AVG: 13.1

SE SAC (SE 10) HT = 49 FT 34-41/114-41 2300 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 12.3 12.3 11.2 10.1 10.1 10.1 11.2 11.2 10.1 10.1 12.3 14.5

ANNUAL AVG: 11.3

NE SADDLE ROCK (LS 4) HT = 30 FT 40-37/120-16 5000 FT
 YEAR WINTER SPRING SUMMER FALL
 1978 8.0
 1979 7.8 10.8 12.1

SEASONAL AVG: 9.7

SG SAN GORGONIO PASS B (RV 10) HT = 30 FT 33-57/116-35 1080 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1977 5.6 10.1 18.6 17.7 22.0 19.5 18.8 15.9 11.4 10.5 10.5 8.0
 1978 8.3 12.1 15.2 21.5 20.8 23.4 18.1 16.8 15.1 10.7 8.3 9.4
 1979 6.9 11.6 12.1 17.9 15.4 16.1 14.1 14.8 9.8 14.5 10.3 8.5
 1980 12.3 9.8 14.8 14.8 19.9 20.1 15.2 18.3 13.2 9.6 8.9 8.3
 1981 9.4 10.5 14.8 13.2 -- 18.0 15.7 -- -- 13.6 11.4 --

ANNUAL AVG: 13.9

SG SAN GORGONIO PASS M (RV 10) HT = 98 FT 33-57/116-35 1080 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1980 10.3 8.9
 1981 10.5 12.1 18.7 19.9 23.3 19.9 18.0 -- -- 15.4 12.3 --

11 MONTH AVG: 15.7

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SG	SAN GORGONIO PASS T	(RV 10)	HT = 150 FT	33-57/116-35	1080 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1977	8.3	8.5	25.5	22.1	28.2	25.7	22.1	19.5	16.1	11.6	11.0	8.9					
1978	9.6	14.8	18.6	26.8	25.5	29.1	22.1	19.7	17.7	13.2	9.8	11.2					
1979	8.5	14.8	15.9	23.9	20.1	21.3	18.8	19.7	13.1	18.8	13.1	9.8					
1980	15.7	11.0	19.2	19.0	26.2	26.4	19.9	23.9	17.0	11.4	11.0	9.1					
1981	10.7	12.5	19.7	21.0	24.8	21.7	19.2	--	--	17.4	13.2	--					

ANNUAL AVG: 17.4

SG	SAN GORGONIO PSWR-01	(RV 17)	HT = 33 FT	33-56/117-00	2550 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1978									9	7	8	13					
1979	14	10	8	7	8	7	7										

11 MONTH AVG: 8.9

SG	SAN GORGONIO PSWR-02	(RV 19)	HT = 33 FT	33-56/116-49	2090 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1978								8	13	5	6	7					
1979	8	8	10	9	11	10	10	9	6	9	10	8					
1980	10	9	11	10													

21 MONTH AVG: 8.9

SG	SAN GORGONIO PSWR-04	(RV 23)	HT = 33 FT	33-56/116-44	1520 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1978								14	13	10	12	11					
1979	13	16	14	14	15	15	14	15	9	13	11	11					
1980	17	11	14	14	22	22											

23 MONTH AVG: 13.9

SG	SAN GORGONIO PSWR-05	(RV 12)	HT = 33 FT	33-56/116-40	2760 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1978									17	13	13	15					
1979	14	27	26	22	16	22	30	--	--	--	--	--					
1980	--	--	26	26	40	36	30	38	19	17	17	17					
1981	13																

22 MONTH AVG: 22.5

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SG SAN GORGONIO PSWR-06 (RV 9) HT = 33 FT 33-57/116-39 2600 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1978 20 13 17 7
1979 11 -- -- 27 17 19 29

9 MONTH AVG: 17.8

SG SAN GORGONIO PSWR-07 (RV 28) HT = 33 FT 33-55/116-38 1250 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1978 17 10 9 9 8
1979 9 15 16 21 22 21 -- 17 14 14 10 10
1980 -- -- 11 -- 26 24 18 22 17 13 11 10
1981 8 11 13

28 MONTH AVG: 14.5

SG SAN GORGONIO PSWR-08 (RV 24) HT = 33 FT 33-55/116-37 1734 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1978 16 13 7
1979 10 25 23 26 22 18 -- -- -- -- -- --
1980 -- -- -- 25 36 36 27 38 23 17 13 12
1981 13 14 17

21 MONTH AVG: 20.5

SG SAN GORGONIO PSWR-09 (RV 30) HT = 33 FT 33-54/116-38 1070 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1978 16 14 10 10 7
1979 8 11 13 14 11 13 12 -- -- -- -- --
1980 -- -- -- 19 29 28 20 23 19 14 12 --
1981 -- 12 14

22 MONTH AVG: 15.0

SG SAN GORGONIO PSWR-10 (RV 32) HT = 33 FT 33-54/116-34 810 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1978 22 13 11 7 4
1979 5 11 9 19 14 14 15

12 MONTH AVG: 12.0

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1978									11	7	9	5
1979	6	8	11	13	10	8	10	13	13	10	--	--
1980	6	6	11	11	16	14	10					

21 MONTH AVG: 9.9

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1978								20	15	9	8	5
1979	5	7	11	13								

9 MONTH AVG: 10.3

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1978								11	9	7	12	11
1979	10	11	12	7	11	9	9	6	6	5	9	8
1980	14	12	13	8	10							

22 MONTH AVG: 9.5

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1978									6	5	7	6
1979	5	9	10	10	15	8	6					

11 MONTH AVG: 7.9

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1978									6	3	4	4
1979	4	8	15	9	8	7	6	5	2	13	5	3
1980	7	7	7	7	10	9						

22 MONTH AVG: 6.8

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1978								16	11	10	8	6
1979	7	13	15	16	16	15	13					

12 MONTH AVG: 12.2

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SG	SAN GORGONIO PSWR-06	(RV 9)	HT = 33 FT	33-57/116-39	2600 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1978									20	13	17	7					
1979	11	--	--	27	17	19	29										

9 MONTH AVG: 17.8

SG	SAN GORGONIO PSWR-07	(RV 28)	HT = 33 FT	33-55/116-38	1250 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1978								17	10	9	9	8					
1979	9	15	16	21	22	21	--	17	14	14	10	10					
1980	--	--	11	--	26	24	18	22	17	13	11	10					
1981	8	11	13														

28 MONTH AVG: 14.5

SG	SAN GORGONIO PSWR-08	(RV 24)	HT = 33 FT	33-55/116-37	1734 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1978										16	13	7					
1979	10	25	23	26	22	18	--	--	--	--	--	--					
1980	--	--	--	25	36	36	27	38	23	17	13	12					
1981	13	14	17														

21 MONTH AVG: 20.5

SG	SAN GORGONIO PSWR-09	(RV 30)	HT = 33 FT	33-54/116-38	1070 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1978								16	14	10	10	7					
1979	8	11	13	14	11	13	12	--	--	--	--	--					
1980	--	--	--	19	29	28	20	23	19	14	12	--					
1981	--	12	14														

22 MONTH AVG: 15.0

SG	SAN GORGONIO PSWR-10	(RV 32)	HT = 33 FT	33-54/116-34	810 FT												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC					
1978								22	13	11	7	4					
1979	5	11	9	19	14	14	15										

12 MONTH AVG: 12.0

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SG SAN GORSONIO PSMR-19 (RV 41) HT = 33 FT 33-51/116-26 380 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1978 14 10 8 8 4
1979 4 12 23 16 15 12 12 14 7 11 6 4
1980 6 6 10 12 18 17 15

24 MONTH AVG: 11.0

SG SAN GORSONIO PSMR-21 (RV 25) HT = 33 FT 33-55/116-40 1165 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1980 22 17 18 17 15 10 10 9
1981 9

9 MONTH AVG: 14.1

SC SANTIAGO PEAK HT = 33 FT 33-43/117-32 5687 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1980 8.0 9.0 8.0 16.4 16.6 14.1
1981 12.3

7 MONTH AVG: 12.1

NW SCARFACE RIDGE (SY 4) HT = 33 FT 41-33/122-38 5100 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1981 6.7 6.2 8.3 10.8
1982 7.6 8.9 8.3 9.4 7.0 8.2 5.9 5.7

12 MONTH AVG: 7.8

NE SHAFFER MOUNTAIN (LS 7) HT = 30 FT 40-27/120-21 6735 FT
YEAR WINTER SPRING SUMMER FALL
1978 14.1
1979 17.2 16.0 14.3

SEASONAL AVG: 15.4

NE SHAFFER RIDGE (LS 8) HT = 30 FT 40-26/120-20 5660 FT
YEAR WINTER SPRING SUMMER FALL
1978 8.4
1979 11.0 12.8 14.4

SEASONAL AVG: 11.6

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

NW SHASTA BALLY (SH 1) HT = 33 FT 40-36/122-39 6209 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1981 8.5 9.3 15.3 15.7
1982 -- 13.3 11.0 9.2 7.9 6.9 7.6 9.2

11 MONTH AVG: 10.0

NE SIERRA ARMY DEPOT HT = 30 FT 40-11/120-09 4000 FT
YEAR WINTER SPRING SUMMER FALL
1978 4.3
1979 3.1 6.7 7.9

SEASONAL AVG: 5.0

NW SMITH RIVER HILLS (DN 1) HT = 33 FT 41-55/124-04 2100 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1981 5.1 7.0 11.0 11.6
1982 8.9 10.6 8.2 9.0 6.4 4.6 3.3 3.4

12 MONTH AVG: 7.3

NE SNOWSTORM TRAIL (LS 3) HT = 30 FT 40-38/120-18 5615 FT
YEAR WINTER SPRING SUMMER FALL
1978 8.7
1979 9.3 12.8 14.3

SEASONAL AVG: 11.3

CS SOLAND PGE S-02 (SO 28) HT = 30 FT 38-07/122-12 600 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1979 10.7 13.6 14.9 15.7 15.6 16.1 12.2 12.5 10.5 11.3

10 MONTH AVG: 13.3

CS SOLAND PGE S-04 (SO 19) HT = 30 FT 38-09/122-08 604 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1979 9.0 21.5 22.6 25.2 25.6 28.1 18.0 19.2 7.7 7.7

10 MONTH AVG: 18.5

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

CS SOLANO PGE S-06 (SO 13) HT = 30 FT 38-12/122-10 200 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 12.3 16.5 21.2 25.3 26.1 25.5 19.7 17.2 7.4 6.7

10 MONTH AVG: 17.7

CS SOLANO PGE S-07 (SO 5) HT = 30 FT 38-14/122-05 40 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 6.2 9.0 11.4 14.3 13.4 14.3 10.7 12.0

8 MONTH AVG: 11.4

CS SOLANO PGE S-08 (SO 11) HT = 30 FT 38-12/122-01 160 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 12.0 15.0 16.0 15.0 19.5 19.1 15.7 14.3 8.9

9 MONTH AVG: 14.9

CS SOLANO PGE S-09 (SO 9) HT = 30 FT 38-13/121-57 381 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 14.3 17.5 21.2 23.8 23.2 23.9 18.5 17.1 10.7 10.3

10 MONTH AVG: 18.0

CS SOLANO PGE S-10 (SO 12) HT = 30 FT 38-12/121-53 100 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 10.6 12.7 15.2 17.5 16.7 16.3 13.0 14.0

8 MONTH AVG: 14.6

CS SOLANO PGE S-16 (SO 8) HT = 30 FT 38-13/122-12 360 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 10.3 11.6 12.1 13.6 14.2 13.8 10.8 12.1

8 MONTH AVG: 12.4

CS SOLANO PGE S-18 (SO 16) HT = 30 FT 38-10/122-12 765 FT
 YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
 1979 12.7 15.2 -- 22.0 19.9 20.2 15.3 14.9 10.9 12.2

9 MONTH AVG: 15.9

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SE SOLEDAD (KR 14) HT = 36 FT 34-56/118-11 2700 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1980 7.8 7.8 7.9 11.2 13.4 12.3 13.4 15.7 10.1 8.9 6.7 6.7

ANNUAL AVG: 10.1

NE STANDISH (LS 10) HT = 30 FT 40-22/120-24 4030 FT
YEAR WINTER SPRING SUMMER FALL
1978 6.0
1979 5.9 8.1 8.2

SEASONAL AVG: 7.0

SC STRAWBERRY PEAK (01) HT = 33 FT 34-14/117-14 6153 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1980 20.2 21.6 13.6 14.0 -- 12.4 11.8 12.7 11.6 13.4 18.7 19.2

11 MONTH AVG: 15.4

NW STRAWBERRY POINT (HB 8) HT = 33 FT 40-17/124-21 820 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1981 14.0 10.8 13.1 19.9
1982 13.8 17.0 20.4 15.0 19.6 17.0 15.7 13.0

12 MONTH AVG: 15.3

SD SUGARLOAF MOUNTAIN HT = 33 FT 32-44/116-03 1000 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1982 16.5 16.1 -- 10.7 10.8 8.1
1983 8.7 8.0 -- 21.4 21.1 23.4

10 MONTH AVG: 14.3

NE SUSANVILLE RIDGE (LS 5) HT = 30 FT 40-28/120-31 6200 FT
YEAR WINTER SPRING SUMMER FALL
1978 9.4
1979 9.2 13.2 13.9

SEASONAL AVG: 11.4

TABLE F
MEAN MONTHLY WIND SPEED AT
WIND ENERGY MONITORING SITES
(MILES PER HOUR)

SD SYCAMORE FLATS (SG 10) HT = 33 FT 32-10/116-57 1940 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1982 4.8 4.4 5.1 5.7 5.5 5.2
1983 4.4 5.5 -- 2.3 2.2 3.3

11 MONTH AVG: 4.4

SD TABLE MOUNTAIN (SG 23) HT = 33 FT 32-40/116-08 3720 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1982 18.4 14.0 18.2 18.6 20.4 16.1
1983 16.6 17.9 26.1 25.6 21.5 22.1

12 MONTH AVG: 19.6

SD TECATE DIVIDE HT = 33 FT 32-40/116-19 3960 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1982 7.8 8.5 11.0 11.4 13.0 11.9
1983 13.6 12.3 14.3 14.1 13.4 11.4

12 MONTH AVG: 12.1

NE TERMO (LS 1) HT = 30 FT 40-52/120-28 5300 FT
YEAR WINTER SPRING SUMMER FALL
1978 5.8
1979 5.7 7.1 7.3

SEASONAL AVG: 6.5

SE TINEMAHA (IY 2) HT = 33 FT 37-03/118-14 3900 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1980 10.1 7.8 6.7 -- 10.1 8.9 8.9 7.8 -- -- --

7 MONTH AVG: 8.6

TM TUNIS (01) (KR 15) HT = 33 FT 34-54/118-44 4954 FT
YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
1979 5.2 5.1 4.7 3.9 5.6 10.0 7.7
1980 6.3 10.4 9.6 9.2 9.5

12 MONTH AVG: 7.3