

TABLE 6: AVERAGE DAILY DIRECT INSOLATION

DATA COLLECTED DURING 1978

WEST SOLAR MONITORING NETWORK (KWH/SQ. M - DAY)*

STATION NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1978 AVG.	1977 AVG.	1976 AVG.	AVG. ANNUAL

ARIZONA PUBLIC SERVICE																
GILA BEND	3.63	----	----	----	----	----	----	8.55	8.18	6.26	5.95	5.66	----	----	----	----
LOS ANGELES DEPT WATER & POWER																
LOS ANGELES	----	----	----	----	----	7.46	8.15	5.95	6.40	3.92	4.32	4.43	----	----	----	----
SUN VALLEY	----	----	----	----	----	----	----	----	5.93	4.59	4.92	5.14	----	----	----	----
UNIV CA LOS ANGELES	----	----	----	----	----	----	----	----	----	----	----	4.53	----	----	----	----
NEVADA POWER COMPANY																
BOULDER CITY (DRI)	----	----	----	----	----	----	----	----	----	----	5.83	5.39	----	----	----	----
LAS VEGAS	3.65	5.44	5.32	----	----	----	9.60	9.20	7.77	7.03	5.82	5.56	----	----	----	----

PUBLIC SERVICE OF COLORADO

ALAMOSA	5.37	6.19	7.06	7.91	7.61	9.38	9.20	8.33	8.83	----	5.81	5.75	----	----	----	----
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PUBLIC SERVICE NEW MEXICO

ALBUQUERQUE	4.00	5.07	5.48	8.08	8.49	8.83	8.22	7.84	6.44	6.15	3.73	5.51	6.49	----	----	6.49
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SAN DIEGO GAS & ELECTRIC

ESCONDIDO	2.67	4.01	2.53	4.37	7.73	8.57	8.69	8.09	7.40	5.07	4.50	4.22	5.65	----	----	5.65
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SOUTHERN CALIFORNIA EDISON

ALHAMBRA	----	----	----	4.37	6.75	7.49	8.48	6.63	5.98	3.97	4.82	4.81	----	----	----	----
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BARSTOW	3.46	5.30	5.58	7.69	9.45	10.31	10.43	9.32	8.63	7.27	6.08	6.03	7.46	7.43	7.46	7.45
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BLYTHE	3.49	4.63	5.89	7.55	8.69	9.59	----	----	8.70	6.73	5.66	5.48	----	6.99	7.44	7.22
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LANCASTER	3.81	5.21	5.57	7.07	9.58	10.55	10.87	9.45	8.53	7.07	5.80	6.05	7.46	7.27	7.91	7.55
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PALM SPRINGS	3.52	5.75	5.85	6.94	8.79	9.63	9.14	8.62	7.79	6.23	5.72	5.12	6.93	6.75	----	6.84
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RIDGECREST	4.90	5.79	5.93	8.12	9.73	10.52	10.48	----	----	7.48	6.29	6.08	----	7.62	8.16	7.89
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VICTORVILLE	3.40	5.24	5.74	7.11	9.18	10.40	10.43	9.08	8.71	7.41	5.59	5.96	7.35	7.36	7.76	7.49
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YUCCA VALLEY	4.05	6.21	6.55	8.15	9.96	10.48	10.25	9.81	8.98	7.31	6.45	5.99	7.85	7.74	7.98	7.86
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TUCSON GAS & ELECTRIC

TUCSON	4.81	----	6.24	8.91	9.55	9.41	6.66	7.44	7.51	6.32	5.37	5.16	----	6.36	----	6.36
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*ABSOLUTE SCALE :

BTU/SQ.FT.- DAY = 317 X KWH/SQ.M-DAY