

Solar Altitude by Month and Hour, Plus Relative Projected Area of Horizontal Collector

(Los Angeles, CA)

Gary Stevens 7/5/16

	9AM	10AM	11AM	Noon	1PM	2PM	3PM	Time Standard
21-Jan	20 0.34	28 0.47	34 0.56	36 0.59	34 0.56	29 0.48	22 0.37	PST
21-Feb	27 0.45	36 0.59	43 0.68	45 0.71	44 0.69	38 0.62	29 0.48	PST
21-Mar	25 0.42	36 0.59	46 0.72	54 0.81	57 0.84	54 0.81	46 0.72	PST
21-Apr	33 0.54	45 0.71	56 0.83	65 0.91	68 0.93	63 0.89	54 0.81	PDT
21-May	38 0.62	50 0.77	62 0.88	72 0.95	76 0.97	69 0.93	58 0.85	PDT
21-Jun	38 0.62	50 0.77	63 0.89	74 0.96	79 0.98	72 0.95	61 0.87	PDT
21-Jul	36 0.59	48 0.74	60 0.87	71 0.95	76 0.97	71 0.95	60 0.87	PDT
21-Aug	32 0.53	44 0.69	55 0.82	64 0.90	68 0.93	63 0.89	54 0.81	PDT
21-Sep	27 0.45	39 0.63	48 0.74	54 0.81	56 0.83	52 0.79	44 0.69	PDT
21-Oct	21 0.36	31 0.52	39 0.63	44 0.69	45 0.71	41 0.66	34 0.56	PDT
21-Nov	24 0.41	31 0.52	35 0.57	36 0.59	32 0.53	26 0.44	17 0.29	PST
21-Dec	19 0.33	27 0.45	31 0.52	32 0.53	30 0.50	25 0.42	17 0.29	PST

KEY: Altitude (degrees above horizon)
Projected area of horizontal surface %

Sun is above 60 degrees

Sun is above 70 degrees