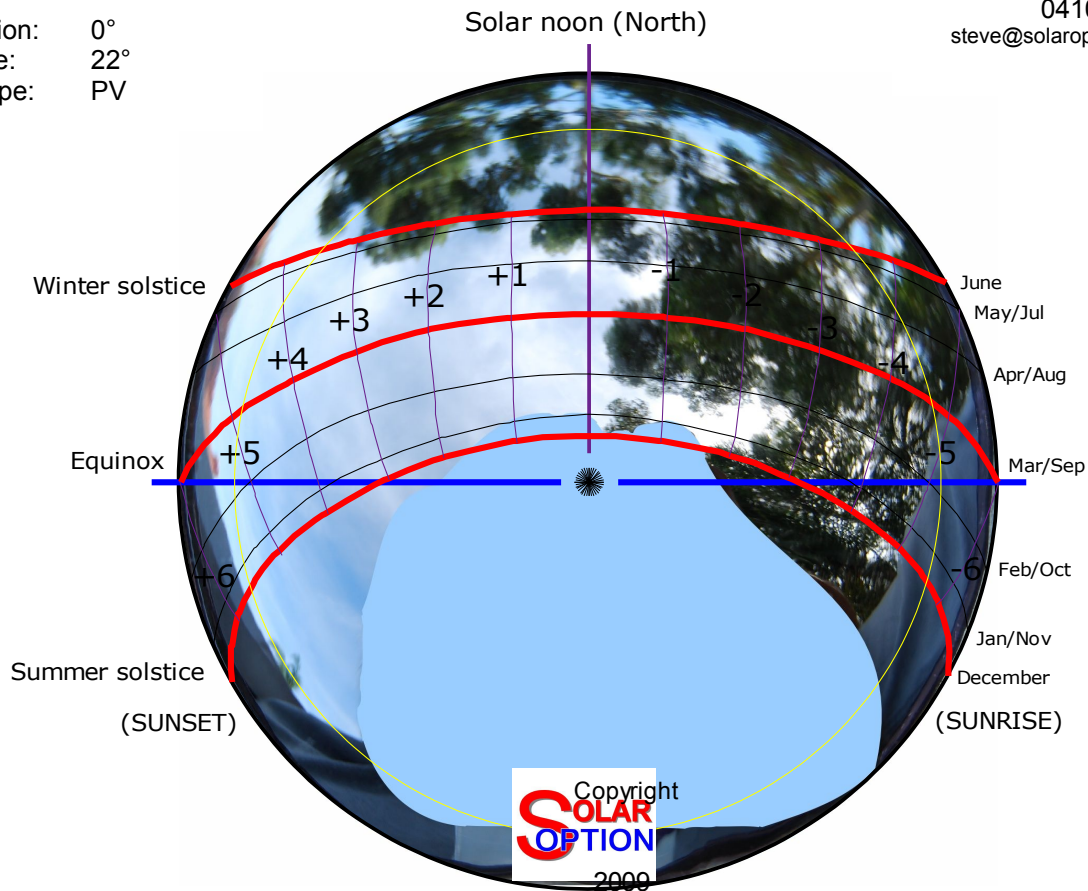


Panel/collector exposure to direct sunshine.

Client :
 Location:
 Suburb:
 Orientation: 0°
 Tilt angle: 22°
 Panel type: PV

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Sun path over Perth (32s)

Picture aligned north to correspond with graphic overlay (North to top).

Clear access to sun:	(-hrs.) before solar noon	(+hrs.) after solar noon	Total hrs. of direct sun	Possible hrs. (no shade) *	Direct Solar Access
January	2	5.5	7.5	11	68%
February	0.5	5.5	6	10.5	57%
March	0.5	5	5.5	9.5	58%
April	0.5	4.5	5	8	63%
May	0	2	2	7	29%
June	0	1	1	7	14%
July	0	2	2	7	29%
August	0.5	4.5	5	8	63%
September	0.5	5	5.5	9.5	58%
October	0.5	5.5	6	10.5	57%
November	2	5.5	7.5	11	68%
December	1	5.5	6.5	11	59%

Shade free hrs. before and after solar noon is time to reach shade (building/treeline) or yellow ring.

* Table shows possible hours of exposure to direct sunshine >15° above the horizon (yellow ring).

Amount of cloud and incidence angle of sun will determine actual solar energy capture at this position.