

Date: 10/30/2021

Paloma Garcia

Location: 33.974043457455906, -117.57285118103029; Eastvale, CA.

bucket D1: 8.12 in

bucket D2: 8.12 in

D: 0

H: 40 in

smallest z1: 47.17

smallest z2:

$A = z2 - z1$

$R = 180 \cdot D / (A \cdot \pi)$

Time	S	X1	L=S+X1-D	$\tan(z)=L/H$	$z = \text{ATAN}(L/H)$
11:33	42.80"	4.06"	46.86"	1.1715"	49.52°
11:43	41.91"	4.06"	45.97"	1.1492"	48.97°
11:53	41.13"	4.06"	45.19"	1.1297"	48.48°
12:03	40.87"	4.06"	44.93"	1.1232"	48.32°
12:13	40.20"	4.06"	44.26"	1.1065"	47.89°
12:23	39.56"	4.06"	43.62"	1.0905"	47.48°
12:33	39.11"	4.06"	43.17"	1.0792"	47.17°
12:43	39.43"	4.06"	43.49"	1.0872"	47.38°
12:53	39.67"	4.06"	43.73"	1.0932"	47.55°
01:03	39.98"	4.06"	44.04"	1.1011"	47.75°
01:13	40.36"	4.06"	44.42"	1.1105"	48.00°
01:23	41.12"	4.06"	45.18"	1.1295"	48.48°
01:33	42.60"	4.06"	46.66"	1.1665"	49.39°