Christian Arredondo
Date : October 28th, 2021   Is this supposed to be Friday, Oct. 29?
Location: Compton,Ca.
D1:6"
D2:5"
D:1"
H:67.0"

Time.	S.	X1	L=S+X1-D.	Tan(z)=L/H.	Z=atan(L/H)
12:31	66"	2.8	67.8	1.01	45.3
12:36	63.2"	2.8	65	0.97	44.2
12:41	63.8	2.8	65.6	0.98	44.4
12:46	64.2	2.8	66	0.98	44.4
12:51	63	2.8	64.8	0.97	44.2
12:57	62.5	2.8	64.3	0.96	43.8
1:03	63.5	2.8	65.3	0.97	44.2
1:08	64	2.8	65.8	0.98	44.4
1:13	64	2.8	65.8	0.98	44.4
1:18	63.5	2.8	65.3	0.97	44.2

   I was able to do this experiment with my son and he had a lot of fun pretending he was a "scientist" as he put it. We are building a fence in our front yard to separate our garden from the sidewalk so we already had poles cemented in buckets so that part of the project was fairly easy. Especially with the thought of the pole in sand possibly moving from time to time I'm glad I didn't have to deal with that. When making the measurements I struggled getting preside numbers because I used a meter stick causing me to have to move around a possibly not getting perfect measurements when trying to find the hashes. I would suggest using electronic measuring systems such as a phone may be more accurate for this sort of experimentation.