

June 25, 2023 (local date)

$h_0 = 25$ feet, $ic = -1'$

EP 35.00°N 67.15°W

00 ^h 24 ^m 55 ^s UT	26 th	Venus	$H_s = 23^\circ 28.5'$
00 35 00		Polaris	34 28
00 45 08		Venus	19 18

0035 fix ?

150°T, 6 kts

26 th	h	4HA Y	273° 51.8	
	0 ^m		<u>8 46.4</u>	
	35 ^m		282 38.2	
Polaris		SHA	<u>314 59.2</u>	34 28
		4HA	297 37.4	-1
		?	<u>-67 9.4</u>	-4.9
		t	170 28	34 28.1
		ρ_a	35 0	-1.4
		s	39 21.5	<u>34 20.7</u>
		$\delta - \rho$	24 21.5	
		h_n	34 22	
		h_s	<u>34 20.7</u>	
			-1.3	
		ρ_a	<u>35 0</u>	
		ρ	34 58.7	
		$\Delta \rho$	<u>-1</u>	
		ρ_{obs}	34 58	

9.996 99	
9.913 36	
8.049 18	
<u>7.959 53</u>	
0.009 11	
<u>0.208 64</u>	
0.217 75	

12 @ 6 kts
1,2 miles
$\Delta \rho \approx 1'S$