

Venus 5 July 2023 21<sup>h</sup> 51<sup>m</sup> 5<sup>s</sup> UT 1° 22'

Capella (below pole) 22 11 11 11

21 51 or 22 11 fix? 180° T, 3 ~~h~~ ; Loe 25 ft

Capella	89 60	11 11
ε	<u>46 1.2</u>	<u>-4.9</u>
ρ	43 58.8	11 6.1
h	<u>11 1.3</u>	<u>-4.8</u>
γ	55 0	11 1.3

Venus	1 27	89 60
	<u>-4.9</u>	<u>13 24.6</u>
	1 22.1	76 35.4
	<u>-21.7</u>	

1 0.4	0.241 59	
55 1	0.012 01	
<u>76 35.4</u>		
13 2 36.8		92 43.4
66 18.4	9.604 05	12 46.3
65 18.0	<u>9.958 33</u>	<u>1.1</u>
108 0.7	9.815 98	105 30.8
<u>105 30.8</u>		
2 30 E		

21 <sup>h</sup> 51 <sup>m</sup>	55° 1' N	} 2° 30' E
22 11	55 0	

Vega 23<sup>h</sup> 30<sup>m</sup> UT 106° 12'

Arcturus 23 30 48 29 7

Vega	106 12
	<u>5</u>
	106 7
	<u>90</u>
z	16 7
δ	<u>38 48</u>
γ	54 55

Arcturus	29 7
	<u>5</u>
	29 2
	<u>2</u>
	29 0
	54 55
	<u>70 56</u>
	154 57
	77 25.5
	48 25.5
	<u>66 24</u>
	62 13
	<u>4 11 E</u>

89 60	
<u>19 4</u>	
70 56	
268 40.7	
<u>7 43.3</u>	
145 48.9	
<u>422 12.9</u>	
300	
<u>62 13</u>	

0.240 51	
0.024 50	
<u>9.337 89</u>	
9.873 95	
<u>9.476 85</u>	

4 11 E ! blunder?