

equatorial coord.  
 Apparent  
 2011-09-13  
 21h25m02s (CDT)  
 Mag:6.5  
 FOV:+90°00'00"

Cassiopeia  
 Ursa Minor  
 Camelopardalis  
 Canes Venatici  
 Ursa Major  
 Auriga  
 Lynx  
 Leo Minor

Stars labeled with Greek letters:  $\alpha$ ,  $\beta$ ,  $\gamma$ ,  $\delta$ ,  $\epsilon$ ,  $\zeta$ ,  $\eta$ ,  $\theta$ ,  $\iota$ ,  $\kappa$ ,  $\lambda$ ,  $\mu$ ,  $\nu$ ,  $\alpha_2$ ,  $\alpha_1$ ,  $\alpha_3$ ,  $\alpha_4$ ,  $\alpha_5$ ,  $\alpha_6$ ,  $\alpha_7$ ,  $\alpha_8$ ,  $\alpha_9$ ,  $\alpha_{10}$ ,  $\alpha_{11}$ ,  $\alpha_{12}$ ,  $\alpha_{13}$ ,  $\alpha_{14}$ ,  $\alpha_{15}$ ,  $\alpha_{16}$ ,  $\alpha_{17}$ ,  $\alpha_{18}$ ,  $\alpha_{19}$ ,  $\alpha_{20}$ ,  $\alpha_{21}$ ,  $\alpha_{22}$ ,  $\alpha_{23}$ ,  $\alpha_{24}$ ,  $\alpha_{25}$ ,  $\alpha_{26}$ ,  $\alpha_{27}$ ,  $\alpha_{28}$ ,  $\alpha_{29}$ ,  $\alpha_{30}$ ,  $\alpha_{31}$ ,  $\alpha_{32}$ ,  $\alpha_{33}$ ,  $\alpha_{34}$ ,  $\alpha_{35}$ ,  $\alpha_{36}$ ,  $\alpha_{37}$ ,  $\alpha_{38}$ ,  $\alpha_{39}$ ,  $\alpha_{40}$ ,  $\alpha_{41}$ ,  $\alpha_{42}$ ,  $\alpha_{43}$ ,  $\alpha_{44}$ ,  $\alpha_{45}$ ,  $\alpha_{46}$ ,  $\alpha_{47}$ ,  $\alpha_{48}$ ,  $\alpha_{49}$ ,  $\alpha_{50}$ ,  $\alpha_{51}$ ,  $\alpha_{52}$ ,  $\alpha_{53}$ ,  $\alpha_{54}$ ,  $\alpha_{55}$ ,  $\alpha_{56}$ ,  $\alpha_{57}$ ,  $\alpha_{58}$ ,  $\alpha_{59}$ ,  $\alpha_{60}$ ,  $\alpha_{61}$ ,  $\alpha_{62}$ ,  $\alpha_{63}$ ,  $\alpha_{64}$ ,  $\alpha_{65}$ ,  $\alpha_{66}$ ,  $\alpha_{67}$ ,  $\alpha_{68}$ ,  $\alpha_{69}$ ,  $\alpha_{70}$ ,  $\alpha_{71}$ ,  $\alpha_{72}$ ,  $\alpha_{73}$ ,  $\alpha_{74}$ ,  $\alpha_{75}$ ,  $\alpha_{76}$ ,  $\alpha_{77}$ ,  $\alpha_{78}$ ,  $\alpha_{79}$ ,  $\alpha_{80}$ ,  $\alpha_{81}$ ,  $\alpha_{82}$ ,  $\alpha_{83}$ ,  $\alpha_{84}$ ,  $\alpha_{85}$ ,  $\alpha_{86}$ ,  $\alpha_{87}$ ,  $\alpha_{88}$ ,  $\alpha_{89}$ ,  $\alpha_{90}$ ,  $\alpha_{91}$ ,  $\alpha_{92}$ ,  $\alpha_{93}$ ,  $\alpha_{94}$ ,  $\alpha_{95}$ ,  $\alpha_{96}$ ,  $\alpha_{97}$ ,  $\alpha_{98}$ ,  $\alpha_{99}$ ,  $\alpha_{100}$ ,  $\alpha_{101}$ ,  $\alpha_{102}$ ,  $\alpha_{103}$ ,  $\alpha_{104}$ ,  $\alpha_{105}$ ,  $\alpha_{106}$ ,  $\alpha_{107}$ ,  $\alpha_{108}$ ,  $\alpha_{109}$ ,  $\alpha_{110}$ ,  $\alpha_{111}$ ,  $\alpha_{112}$ ,  $\alpha_{113}$ ,  $\alpha_{114}$ ,  $\alpha_{115}$ ,  $\alpha_{116}$ ,  $\alpha_{117}$ ,  $\alpha_{118}$ ,  $\alpha_{119}$ ,  $\alpha_{120}$ ,  $\alpha_{121}$ ,  $\alpha_{122}$ ,  $\alpha_{123}$ ,  $\alpha_{124}$ ,  $\alpha_{125}$ ,  $\alpha_{126}$ ,  $\alpha_{127}$ ,  $\alpha_{128}$ ,  $\alpha_{129}$ ,  $\alpha_{130}$ ,  $\alpha_{131}$ ,  $\alpha_{132}$ ,  $\alpha_{133}$ ,  $\alpha_{134}$ ,  $\alpha_{135}$ ,  $\alpha_{136}$ ,  $\alpha_{137}$ ,  $\alpha_{138}$ ,  $\alpha_{139}$ ,  $\alpha_{140}$ ,  $\alpha_{141}$ ,  $\alpha_{142}$ ,  $\alpha_{143}$ ,  $\alpha_{144}$ ,  $\alpha_{145}$ ,  $\alpha_{146}$ ,  $\alpha_{147}$ ,  $\alpha_{148}$ ,  $\alpha_{149}$ ,  $\alpha_{150}$ ,  $\alpha_{151}$ ,  $\alpha_{152}$ ,  $\alpha_{153}$ ,  $\alpha_{154}$ ,  $\alpha_{155}$ ,  $\alpha_{156}$ ,  $\alpha_{157}$ ,  $\alpha_{158}$ ,  $\alpha_{159}$ ,  $\alpha_{160}$ ,  $\alpha_{161}$ ,  $\alpha_{162}$ ,  $\alpha_{163}$ ,  $\alpha_{164}$ ,  $\alpha_{165}$ ,  $\alpha_{166}$ ,  $\alpha_{167}$ ,  $\alpha_{168}$ ,  $\alpha_{169}$ ,  $\alpha_{170}$ ,  $\alpha_{171}$ ,  $\alpha_{172}$ ,  $\alpha_{173}$ ,  $\alpha_{174}$ ,  $\alpha_{175}$ ,  $\alpha_{176}$ ,  $\alpha_{177}$ ,  $\alpha_{178}$ ,  $\alpha_{179}$ ,  $\alpha_{180}$ ,  $\alpha_{181}$ ,  $\alpha_{182}$ ,  $\alpha_{183}$ ,  $\alpha_{184}$ ,  $\alpha_{185}$ ,  $\alpha_{186}$ ,  $\alpha_{187}$ ,  $\alpha_{188}$ ,  $\alpha_{189}$ ,  $\alpha_{190}$ ,  $\alpha_{191}$ ,  $\alpha_{192}$ ,  $\alpha_{193}$ ,  $\alpha_{194}$ ,  $\alpha_{195}$ ,  $\alpha_{196}$ ,  $\alpha_{197}$ ,  $\alpha_{198}$ ,  $\alpha_{199}$ ,  $\alpha_{200}$ ,  $\alpha_{201}$ ,  $\alpha_{202}$ ,  $\alpha_{203}$ ,  $\alpha_{204}$ ,  $\alpha_{205}$ ,  $\alpha_{206}$ ,  $\alpha_{207}$ ,  $\alpha_{208}$ ,  $\alpha_{209}$ ,  $\alpha_{210}$ ,  $\alpha_{211}$ ,  $\alpha_{212}$ ,  $\alpha_{213}$ ,  $\alpha_{214}$ ,  $\alpha_{215}$ ,  $\alpha_{216}$ ,  $\alpha_{217}$ ,  $\alpha_{218}$ ,  $\alpha_{219}$ ,  $\alpha_{220}$ ,  $\alpha_{221}$ ,  $\alpha_{222}$ ,  $\alpha_{223}$ ,  $\alpha_{224}$ ,  $\alpha_{225}$ ,  $\alpha_{226}$ ,  $\alpha_{227}$ ,  $\alpha_{228}$ ,  $\alpha_{229}$ ,  $\alpha_{230}$ ,  $\alpha_{231}$ ,  $\alpha_{232}$ ,  $\alpha_{233}$ ,  $\alpha_{234}$ ,  $\alpha_{235}$ ,  $\alpha_{236}$ ,  $\alpha_{237}$ ,  $\alpha_{238}$ ,  $\alpha_{239}$ ,  $\alpha_{240}$ ,  $\alpha_{241}$ ,  $\alpha_{242}$ ,  $\alpha_{243}$ ,  $\alpha_{244}$ ,  $\alpha_{245}$ ,  $\alpha_{246}$ ,  $\alpha_{247}$ ,  $\alpha_{248}$ ,  $\alpha_{249}$ ,  $\alpha_{250}$ ,  $\alpha_{251}$ ,  $\alpha_{252}$ ,  $\alpha_{253}$ ,  $\alpha_{254}$ ,  $\alpha_{255}$ ,  $\alpha_{256}$ ,  $\alpha_{257}$ ,  $\alpha_{258}$ ,  $\alpha_{259}$ ,  $\alpha_{260}$ ,  $\alpha_{261}$ ,  $\alpha_{262}$ ,  $\alpha_{263}$ ,  $\alpha_{264}$ ,  $\alpha_{265}$ ,  $\alpha_{266}$ ,  $\alpha_{267}$ ,  $\alpha_{268}$ ,  $\alpha_{269}$ ,  $\alpha_{270}$ ,  $\alpha_{271}$ ,  $\alpha_{272}$ ,  $\alpha_{273}$ ,  $\alpha_{274}$ ,  $\alpha_{275}$ ,  $\alpha_{276}$ ,  $\alpha_{277}$ ,  $\alpha_{278}$ ,  $\alpha_{279}$ ,  $\alpha_{280}$ ,  $\alpha_{281}$ ,  $\alpha_{282}$ ,  $\alpha_{283}$ ,  $\alpha_{284}$ ,  $\alpha_{285}$ ,  $\alpha_{286}$ ,  $\alpha_{287}$ ,  $\alpha_{288}$ ,  $\alpha_{289}$ ,  $\alpha_{290}$ ,  $\alpha_{291}$ ,  $\alpha_{292}$ ,  $\alpha_{293}$ ,  $\alpha_{294}$ ,  $\alpha_{295}$ ,  $\alpha_{296}$ ,  $\alpha_{297}$ ,  $\alpha_{298}$ ,  $\alpha_{299}$ ,  $\alpha_{300}$ ,  $\alpha_{301}$ ,  $\alpha_{302}$ ,  $\alpha_{303}$ ,  $\alpha_{304}$ ,  $\alpha_{305}$ ,  $\alpha_{306}$ ,  $\alpha_{307}$ ,  $\alpha_{308}$ ,  $\alpha_{309}$ ,  $\alpha_{310}$ ,  $\alpha_{311}$ ,  $\alpha_{312}$ ,  $\alpha_{313}$ ,  $\alpha_{314}$ ,  $\alpha_{315}$ ,  $\alpha_{316}$ ,  $\alpha_{317}$ ,  $\alpha_{318}$ ,  $\alpha_{319}$ ,  $\alpha_{320}$ ,  $\alpha_{321}$ ,  $\alpha_{322}$ ,  $\alpha_{323}$ ,  $\alpha_{324}$ ,  $\alpha_{325}$ ,  $\alpha_{326}$ ,  $\alpha_{327}$ ,  $\alpha_{328}$ ,  $\alpha_{329}$ ,  $\alpha_{330}$ ,  $\alpha_{331}$ ,  $\alpha_{332}$ ,  $\alpha_{333}$ ,  $\alpha_{334}$ ,  $\alpha_{335}$ ,  $\alpha_{336}$ ,  $\alpha_{337}$ ,  $\alpha_{338}$ ,  $\alpha_{339}$ ,  $\alpha_{340}$ ,  $\alpha_{341}$ ,  $\alpha_{342}$ ,  $\alpha_{343}$ ,  $\alpha_{344}$ ,  $\alpha_{345}$ ,  $\alpha_{346}$ ,  $\alpha_{347}$ ,  $\alpha_{348}$ ,  $\alpha_{349}$ ,  $\alpha_{350}$ ,  $\alpha_{351}$ ,  $\alpha_{352}$ ,  $\alpha_{$