

below created a solid and continuous field with the individual cloud tops so compactly arranged as to give one the impression of the irregular flat ice fields of the antarctic. Several isolated cumulus protruded their smooth knoll skaped heads above the general level of the field of ice and snow adding to that frigid landscape, the monadnock. This field of snow was occasionally broken by a perfectly formed bay with channels extending beyond its limits. Its shoreline was lined with the perpendicular ice barriers as in the antarctic zones. The similarity was difficult to accept. This field continued to the horizon and was sharply outlined against the light sky of the east. It was the first time that the horizon was discernable but now it was as sharp in contrast as black and white and without mist or interference of any kind. A quality one would expect to find beyond the limits of our atmosphere in the interstellar space. The sky line became a light yellow in the east and grading thru to gray and finally the blue directly above. Rotating the eyes to the westward and along the horizontal plane, one encounters a very striking condition. The yellow of the eastern sky continues west along the horizon to the north for about 45 degrees at which point begins a gradual ascent into the sky with a new color gradation of reddish purple coming into play. The new color continues westward as was the plane of the yellow zone and is finally replaced by a complete void of blue. Thus the normal position of the apparent horizon is elevated as the eye moves from east to west.

Both the plane and the sun rays approach the gar clouds observed early this morning but now this streak has developed into a broad expanse of an umbrella passing by not as a solid blanket but as a series of successional masses, extending to the horizon in the east but still separated distinctly from the northern horizon with that clear yellow sky. All of a sudden the day breaks with a brilliant splendor of red lining the undersurface of the strata of clouds directly above. After running the full gradation of red it changes into all the intensity of