

NORTHERN GROUP

21. Jan<sup>y</sup>. 1858



22. Jan<sup>y</sup>



23. Jan<sup>y</sup>



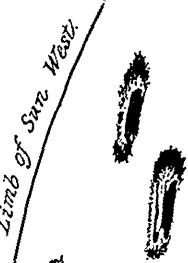
24. Jan<sup>y</sup>



26. Jan<sup>y</sup>



30. Jan<sup>y</sup>



SOUTHERN GROUP

30. Jan<sup>y</sup>



Limb of Sun East.

1. Feb<sup>y</sup>



3. Feb<sup>y</sup>



4. Feb<sup>y</sup>



5. Feb<sup>y</sup>



6. Feb<sup>y</sup>



10. Feb<sup>y</sup>



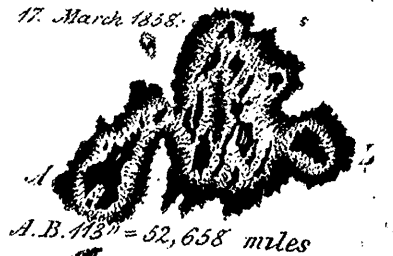
Limb of Sun West.

12. Feb<sup>y</sup>



Limit of brilliant faculae

17. March 1858.



A.B. 113<sup>o</sup> = 52,658 miles