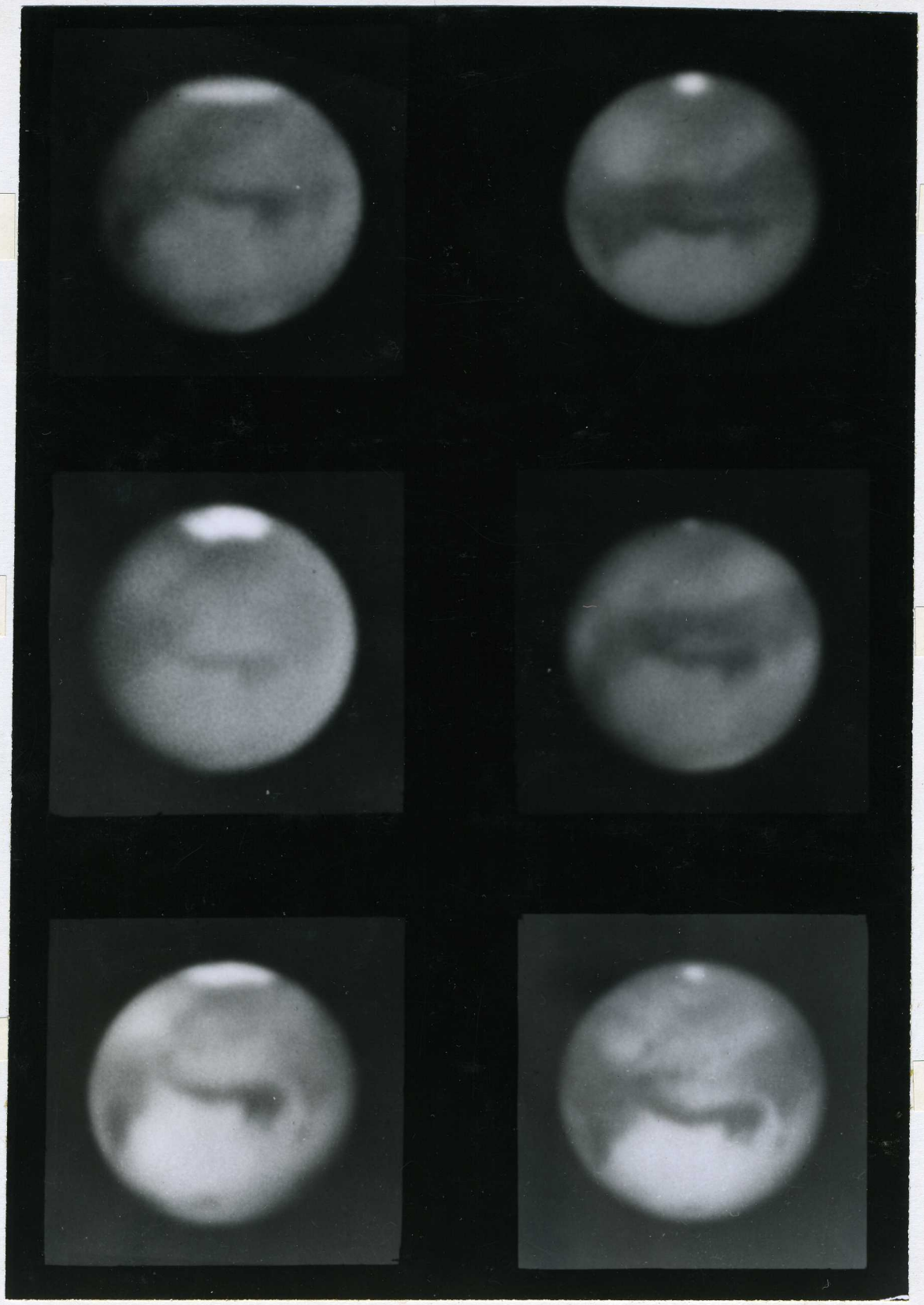


*April 7

June 29

May 10

July 31

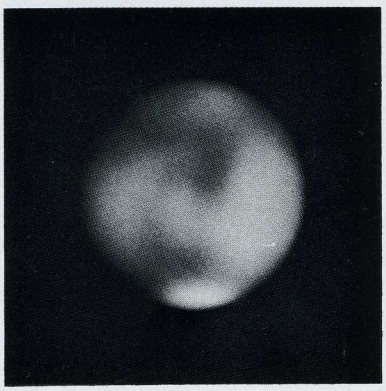
April 29

July 10

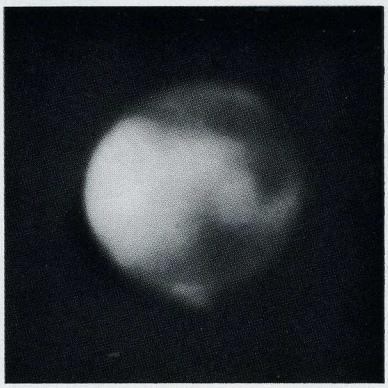
MARS-photographed in its Spring and Summer, showing melting of South snow caps and striking seasonal development of dark markings in the tropics. (See doubling of dark bands across center.) E.C. Slipher, Lowell Observatory.

*The Mars dates given here correspond to our calendar dates in the Northern Hemisphere.

PLATE IX
CHANGES IN THE SYRTIS MAJOR REGION

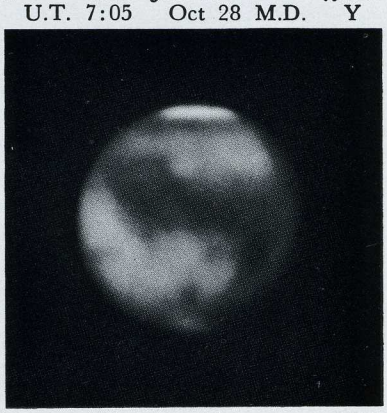


1. 1931 Jan 16 λ279°
U.T. 7:05 Oct 28 M.D. Y

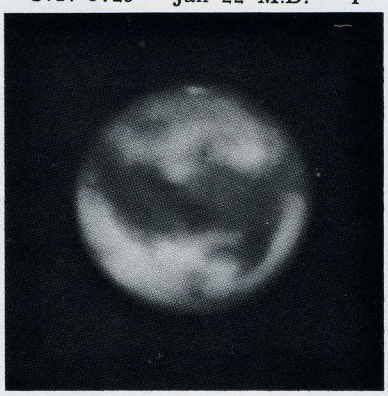


2. 1935 May 6 λ260°
U.T. 3:29 Jan 22 M.D. Y

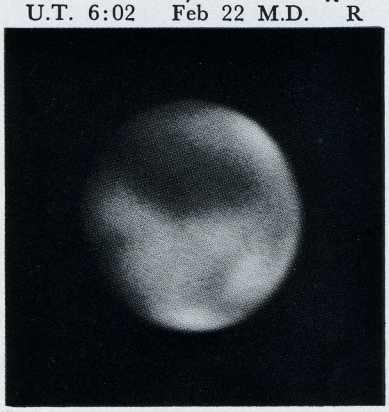
3. 1937 May 26 λ246°
U.T. 6:02 Feb 22 M.D. R



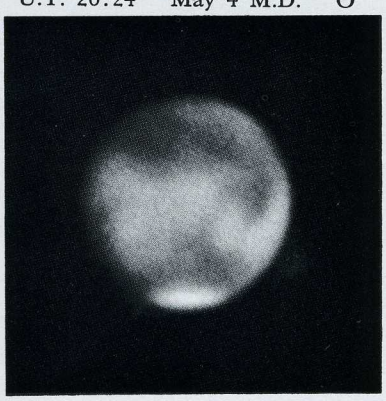
4. 1939 Aug 10 λ260°
U.T. 20:24 May 4 M.D. O



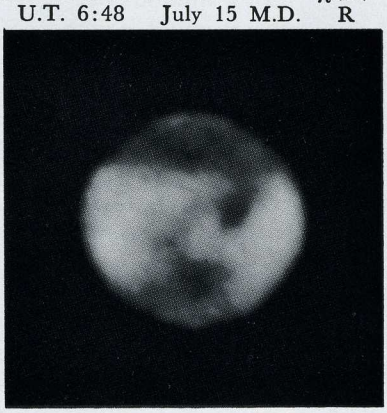
5. 1941 Oct 17 λ262°
U.T. 6:48 July 15 M.D. R



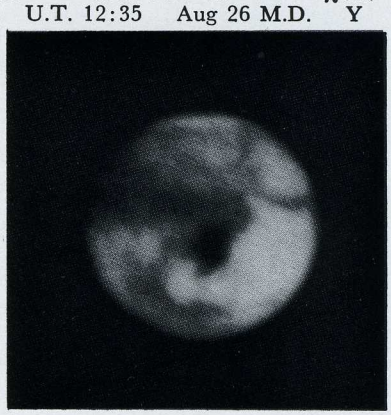
6. 1943 Nov 12 λ242°
U.T. 12:35 Aug 26 M.D. Y



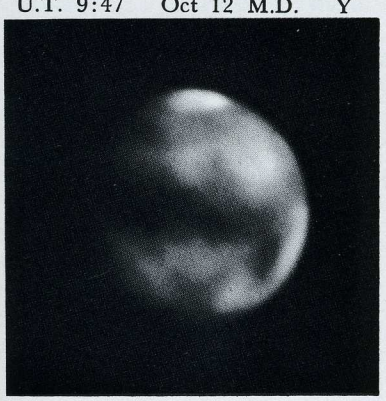
7. 1946 Jan 1 λ235°
U.T. 9:47 Oct 12 M.D. Y



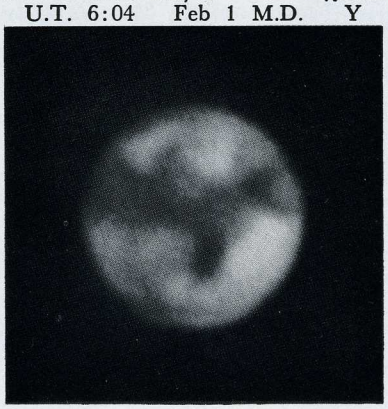
8. 1952 May 1 λ271°
U.T. 6:04 Feb 1 M.D. Y



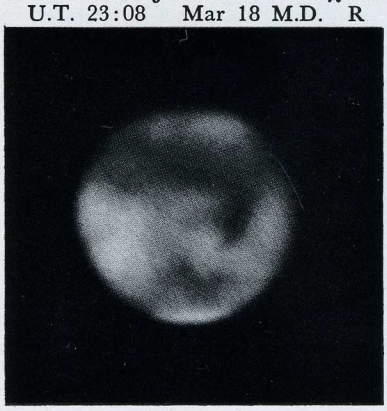
9. 1954 June 11 λ282°
U.T. 23:08 Mar 18 M.D. R



10. 1956 Aug 6 λ249°
U.T. 23:54 May 18 M.D. R



11. 1958 Nov 13 λ282°
U.T. 5:28 Aug 17 M.D. Y



12. 1961 Jan 9 λ266°
U.T. 5:20 Oct 9 M.D. Y