

climb up 30 feet to the notch. 140 feet, belay in the notch. The summit is reached from there by a short scramble up the north ridge. We descended the first couloir on the southeast side, making two short rappels near the bottom. NCCS V, F8, A4, 14 hours.

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Wyoming — Tetons

Grand Teton, Second Tower, South Ridge. This difficult route was first climbed on August 2 by David Ingalls and Scott Brun. After a start in the couloir between the Second Tower and the summit of the Grand, the party ascended a red dihedral in eight pitches (III, F8, A1).

Mount Moran, South Buttress Right, variation. On July 13, 1969, Juris Krisjansons and Peter Habeler made a significant new variation of this massive buttress by climbing the rock between the Black Fin and the South Buttress Right route. Six leads in this section of broken rock went generally straight up, involving F6 and occasionally F7 pitches. The variation ends with a pendulum to the left (west) to join the normal South Buttress Right at the east end of the Great Traverse. This fine variation (F7, A1) is more direct than the normal route, but it has the defect of missing the Great Traverse pitch which is one of the main attractions of the normal route.

Bivouac Peak, Direct South Face. The third route on this face was established on July 24 by Yvon Chouinard and Juris Krisjansons. The route begins, after F3 and F4 scrambling up toward the obvious black water marks which form a prominent feature of the face, at a cairn below the steep and at times slightly overhanging face just left of these water marks. The first seven leads consist of superb and sustained F7 climbing on excellent high-angle rock with adequate protection and belay ledges. In this section the line of least resistance is followed by climbing a bit to the right or left to avoid the larger overhangs. A huge ledge, reached at the end of the seventh lead, was followed easily to the left to enter a chimney behind the right (east) edge of the central buttress in the face. The remaining upper eight pitches are on easier ground but also proved to be very enjoyable climbing, hence this route (IV, F7) is to be recommended. Descent was made via the large southeast couloir.