

## 1. Assessment of Alpine Pasture Lands in Himalayas Alpine pastures in the country:

The study was based on visual interpretation of Landsat satellite (MSS) imageries for the period 1981-84 on 1:1 million scale. The study revealed that the Alpine pasture occupy 171,646 km<sup>2</sup> of Himalayan region constituting 1.52% of the geographic area of the country. The study also estimated the area under permanent snow cover as 50,111 km<sup>2</sup>. The results of the study are summarized in the following table:

**Table 1: Alpine Pastures and Permanent snow cover in Himalayas** (Area in km<sup>2</sup>)

Sl. No.	Name of State	Geographic Area	Alpine Pasture Land	Permanent snow
1.	Arunachal Pradesh	83,580	12,335	862
2.	Sikkim	7,300	1,626	842
3.	Uttar Pradesh	294,411	8,524	4,376
4.	Himachal Pradesh	55,670	17,296	4,934
5.	Jammu & Kashmir	222,240	131,857	39,097
Total		663,201	171,638	50,111