



**RESTRICTED**



**SNOW & AVALANCHE STUDY ESTT.**

**SASE/TECH/4075/HAFD**

**Date: 10-05-2018**

**To: IOC, MHA**

**Copy to:**

1. National Disaster Management Authority

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2. DM-1, MHA

(e-mail: dirdm1@nic.in)

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(Fax:011-23438254,e-mail: dresponse-nerc@gov.in)

4. Duty Officer, Control room, MHA

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**Refer Letter No.:**

- MHA letter no. : 2-03/2014/Misc/Ops, Dated 22 Dec, 2014
- NDMA Letter no. : NDMA/CR/States/2018/02 dated 30 Jan. 2018

**AVALANCHE WARNING BULLETIN**

**Valid from 10-05-2018 (1700 h) to 11-05-2018 (1700 h)**

| S. No.                     | District  | Danger Level | Alt Range (m) |
|----------------------------|-----------|--------------|---------------|
| <b>A. Jammu Division</b>   |           |              |               |
| 1                          | Poonch    | 1            |               |
| 2                          | Rajouri   | 1            |               |
| 3                          | Reasi     | 1            |               |
| 4                          | Ramban    | 1            |               |
| 5                          | Doda      | 1            |               |
| 6                          | Kishtwar  | 1            |               |
| 7                          | Udhampur  | 1            |               |
| <b>B. Kashmir Division</b> |           |              |               |
| 1                          | Anantnag  | 1            |               |
| 2                          | Kulgam    | 1            |               |
| 3                          | Badgam    | 1            |               |
| 4                          | Baramulla | 1            |               |
| 5                          | Kupwara   | 1            |               |
| 6                          | Bandipora | 1            |               |
| 7                          | Ganderbal | 1            |               |

| S. No.                     | District      | Danger Level | Alt Range (m) |
|----------------------------|---------------|--------------|---------------|
| <b>C. Laddakh Division</b> |               |              |               |
| 1                          | Kargil        | 1            |               |
| 2                          | Leh           | 1            |               |
| <b>D. Himachal Pradesh</b> |               |              |               |
| 1                          | Chamba        | 1            |               |
| 2                          | Lahaul-Spiti  | 2 (Yellow)   |               |
| 3                          | Kullu         | 1            |               |
| 4                          | Kinnaur       | 1            |               |
| 5                          | Shimla        | 1            |               |
| <b>E. Uttarakhand</b>      |               |              |               |
| 1                          | Uttarkashi    | 1            |               |
| 2                          | Chamoli       | 1            |               |
| 3                          | Rudraprayag   | 1            |               |
| 4                          | Pithoragarh   | 1            |               |
| 5                          | Tehri Garhwal | 1            |               |

**Outlook/Note:**

*[Signature]*  
**Division Head  
 For Director**

| Danger Level | Degree of Danger | Description   |
|--------------|------------------|---|
| 1            | UNLIKELY         | Generally safe conditions. Snowpack on slopes, if any, is generally stable with isolated instability. Movement is generally safe. Rare avalanche activity is possible with high external loading e.g. tremors, explosives or movement in formation zones.                                 |
| 2            | LOW              | Partly unsafe conditions. Small size triggering is possible on few extreme slopes. Valley movements are generally safe. Movement on slopes with care.   |
| 3            | MEDIUM           | Unsafe conditions. Triggering is possible from the most avalanche prone slope and may reach the valley in medium size. Avoid movement on slopes. Routes should be selected with care. Valley movement with precaution. Evacuate from unprotected settlements on/near the avalanche paths. |
| 4            | HIGH             | Highly unsafe condition. Triggering is possible from all avalanche prone slope and may reach the valley in large size. Suspend all movements. Airborne avalanches likely. Evacuate from all settlements on/near the avalanche paths.  |
| 5            | ALL ROUND        | Extremely unsafe condition. Numerous large avalanches are likely from all possible avalanche slopes even on moderately steep terrain. Airborne avalanche likely and may follow unexpected paths. Evacuate from avalanche prone areas.   |

*Disclaimer – Above information / warning bulletin is provided after analyzing the current instability state of snowpack, current snow and met data from the field stations and projected weather from models. It is our endeavour to assess the instability state as accurately as possible and draw a precise avalanche forecast. However, precautions must be observed during all movements irrespective of the level of danger predicted as snow and weather conditions in mountain may vary rapidly in space and time.*

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