

What is Avalanche; describe its four types with focus on most dangerous type?

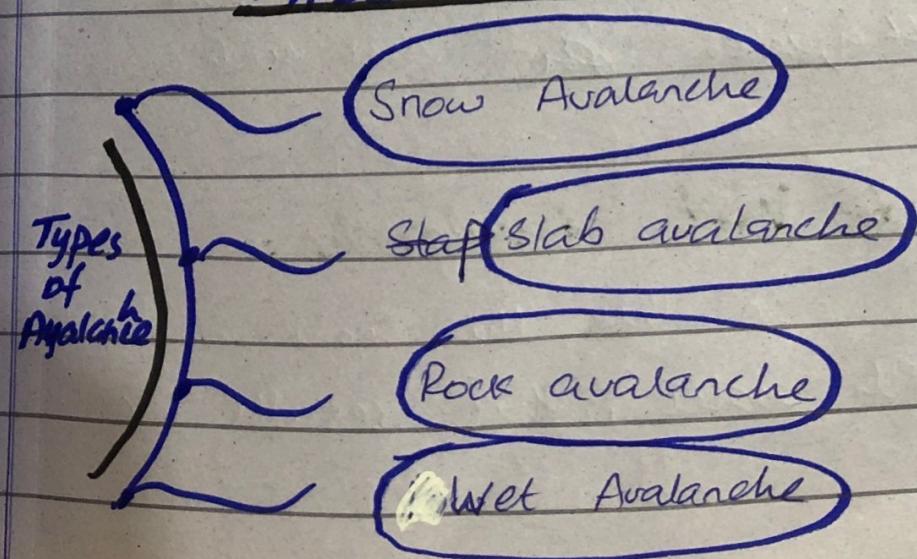
Understanding the concept

Avalanche

It is the fast motion of ice, snow and sometimes of rocks from the mountains or slopes. It happens due to many reasons: steep slopes, increased snowfall, weak layering of snow etc.

(III)

TYPES OF AVALANCHE



a- Snow Avalanche:

This type of avalanche occurs when the snow tumble bill down from the slopes due to heavy snowfall or weak layering.

b- Slab Avalanche:

A slab from the ice break down and fall down like a piece.

c- Rock Avalanche:

When a piece of rock fall down from mountains due to earthquake later it mix with snow.

d- Wet Avalanche:

In this the snow combine with water, this results in

slipping of snow.

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MOST DANGEROUS TYPE

Most dangerous type of Avalanche is Slab avalanche. Following are the main characteristics of Slab Avalanches.

Characteristics of Slab Avalanche

Large masses
of snow

More
destructive

hard to
avoid

Fast

a- Large Masses:

They are usually much larger than any other avalanches. ^{It consists of} Large masses of ice. ~~in snow~~

b- Fast moving:

They move very rapidly. Sometimes they move with the speed of 80 - 30 Km/h.

c- More destructive:

As this is like a piece of ice, so its large piece results in loss of life and destroy everything that come in its way.

d- Unavoidable:

It is very sudden,

fast and large in size results in destruction which is unavoidable.

(IV)

ILLUSTRATION

