

CAUSE AND EFFECT

I-5

Glacial periods were effects in drops in temperature.

Theories are stated but only two basic causes are suggested. Refer to Causes of Glacial Periods and list two causes

Causes: ① If land was raised 2 miles in temperate zone, it would have glaciers.
If the land rose, CO_2 would dissolve into sea, making it cold. Glaciers develop.

②? Refer to Advance and Retreat of Ice Sheet and list effects.

Cause Ice sheet moving from north

Effect: River systems branched, lakes disappeared and
1.
2.
3.

Cause Glacier pausing

Effect: A Terminal Moraine called a recessional moraine was formed
~~Former moraines were obliterated~~

Cause Glacier advancing

Effect: Swept loose mantle from surface, filled in low places
Former moraines were obliterated

Cause Glacier retreating

Effect: New moraines were deposited

Cause Irregular movements of ice sheet

Effect: Made many terminal and recessional moraines are left

CAUSE AND EFFECT (2)

Refer to Effects of Ice Sheet on Drainage.

Place the proper effect after each cause.
If there are two or more effects for a cause label them a, b, c etc.

CAUSES

- 1) Smoothing and flattening of land
- 2) Moraines
- 3) Glaciers
- 4) Streams carried large amounts of water
- 5) Ice Advances
- 6) Recedes

7. Water ~~moraine~~ Kettles

8 Kettles with soil

EFFECTS

- 1) Made streams sluggish
- 2) A) Dammed up rivers
B) Formed lakes
- 3) A) Gouged out old streams
B) Made them deeper
C) Made new ones
- 4 Made valleys that appear ~~were~~ too large for them
- 5 Smooths out land
- 6 A) Formed kettle moraines
B) Filled with water
- 7.
- 8.