चौधरी PHOTOSTAT

"I don't love studying. I hate studying. I like learning. Learning is beautiful."



"An investment in knowledge pays the best interest."

Hi, My Name is



Adiabatic - No outside bookses SUNDAY JANUARY-MTWTFSS is involved in warming. or cooting. of the air parcel 15 6 7 8 9 10 11 2+3 4 5 6 7 8 16 17 18 19 20 21 22 JANUARY. Week 1st - 1st Day 26 27 28 29 30 31 ,23 24 25 26 27 28 29 Atmospheric stability Global warning Air pollution THE PHOTOSTAT JIA SARAI, NEW DE! HI-15 Air pollution undelling Mob. No. 9818900565 ATHOSPHERIC STABILITY Rate - Change in temp. w.r.t. distance caltitud(le) Latent Heat - Heat required to (colid → liquid → yas) Adiabatic Processes but it doesn't inc. the latent heat a water is highest, exist solid three forms liquid forus. Adiabatic DG =0 Important Iso thermal Isobanic . Isochoric . heat and System - (1) Open, exchange 2017

JANUARY. FEBRUARY MTWTFSS MONDAY MTWTFSS 30 31 1 2 3 4 5 2 3 4 5 6 7 8 6 7 8 9 10 11 12 9 10 11 12 13 14 15 13 14 15 16 17 18 19 16 17 18 19 20 21 22 20 21 22 23 24 25 25 23 24 25 26 27 28 29 27 28 Week 2nd - 2nd Day **JANUARY** Closed exchange heat and not Polated No erchange heat exchance material. Decrease the. ascenda around altitude. Volume increase, work done changes vdime Work need energy taken .changei temperature S wide . PULTI P' S.P altitude Important : Sea level Psolated 2017.

Water Balance

area of earth's surface by calculating the outputs.

Precipitation Atmospheric Moister flow

39

precipitation Superior Moister flow

885

425

Euchoration

Surface outflow

Surface outflow

(29), of earth area)

Land

(29), of earth area)

Coe an

(29), of earth area)

Etre 100 Global water Balance

Green Water — Water that is stored in the soil and is taken up by plants I and lost by evaporation.

* Blue water - water that is found in river and lakes as well as ground - water that is used for agriculture,

industrial and domestic purposes.

2th'an

35.

0

Passible routes that raindrops may take on their way to and into the soil surface -

- Precipitation that reaches earth surface follow variety of pathways.
- The process of precipitation striking vegetation or other ground cover is called interception.
- Intercepted precipitation may be redistributed as throughfull and stell low precipitation that falls directly to the ground, is coupled with drips onto the ground from vegetation is k/a throughfull.
- Intercepted water that drains across plantleaves and down to the plant stem is termed as stemflow.
- water reaches the subsurface through intitleration, or penetration of the soil surface it then permeates soils or rock through vertical movement called percolation.

Ground Water Resources.

- Ground water is the part of hydrologic cycle that lies beneath the ground-

Ground water is the largest potential source: of freshwater in hydrologic cycle + larger than

Page No. Date Q9 Au Mater water into Pressure Dissolved oxygen: water water is contaminal-ec IF so is tess thin polluted - contaminated (can be used by punification) 4 ng/l - Polluted (can't be used

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Spacies concept -Species is basic cenit of - touconomy and evolution. There are difficancept of species like norpholoin ecology and environment biological sp. concept given by Mays is used. A/C to Mays, when individuals can interpresed or reproduce and can form fertile offspring. belongs or same species let c is herbicore. then comps in for com. 1 Shelten Food @Mate Enterspecific Entraspecific Interspecific enterdiction

when rays full, and variety Report - Shape of earth is flattening over tole und building un equalization due to rotation Poles of I H REELE CORED C. Tularno crays facting vertically 21st Periprate/Haterall 23 2 Neprople of euro -Janeid sone 1019 Trays falling 23 sept con extrator) = 21 Mark remperate zone trople of Crays falling 22hd Dec. in southern 66 & 8 Antarctic circle hemishere) south Pole Fig - B. 30 Population - "It is some sun of all individuals that belongs to a given an alea. species un Community / Biocenscis - It is sure of all pla diff population one of all planes (flora); or animal facungly and wichourganishes considered forms biblic component of the given beautiful - factor is any force substance.
or cond that affects individuals any way. It as be broad and about on eq water temps competeents Hentilley