hapse Rate: It defens to the rate of change of temperature are pressure with height. · Amkient Lapse Rate : A bolloon equiffed with their mometer, when deleased at make upwards, the rough the atmosphere and decords the temperature et the ambient au. This temperature gradient is known as ambient dapse rate and it varies from day to right and season its season. Noit only does water content modify dakse rates, but wind, sunlight on Earth's surface and geographical features change actual dakse rate. © DALR -> The adiabatic date note you a day at mosphure, subject may contain water vapour but which has no diquid moisture fresent in form af yog, duality are clouds, is affrox 9.8°c | 1000 m - Thure is no energy | heat exchange within the System are the surrounding. · Thuse type of Plumes > -> Looping w ALR > DALR Oceans ûn unetable atmosphere condition. · High deglue of convecture turbulence.

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o longing reacting the ground. -> Neutral condition (ALR = DALR) -) blothe with small scale turbulance. e Fanning es Little fallution -> Gatue mely stable condition → ALR < DALR -> Little tur bulance Inversion at a considérable distance above the stack. b) déabel => unit jan expuesting volis b/w two physical quantities, usually amounts et acoustic are electric former or for measuring relative lourdness of source. One delibal = 10 time log former ratio Difference b/w Sound Vouer and Sound puissure It is rate at which sound eveningy is emitted from a source year writ dume whereas sound untero It is note at Stely is amount of energy flowing few unit time through a wint area altor in ferfendicular to di-

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