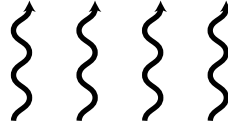
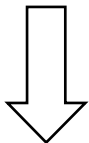


Shortwave

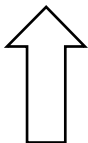
Longwave



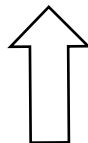
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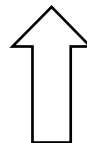
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5



7

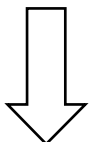


$a_{sw}$

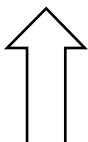
*Atmosphere*

$a_{lw}$

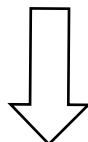
$T_a$



2



4



6



8

$A$

*Surface*

$\epsilon$

$T_s$