







LATENT HEAT
$$\mathcal{L}E = \rho c_p \frac{e_{air} - e_s}{\gamma(r_a + r_{stom})} \quad (W/m^2)$$
Where γ is the psychrometric constant,
 ρ is the density of air, c_p is the specific heat,
 e_{air} is the vapor pressure above the canopy, e_s is the
saturation vapor pressure at T_{air} , r_a is
the aerodynamic resistance r_{stom} is stomatal resistance.































































Мос	lel valida	tion (Ju	ine, 10, 20	001)
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Source	R_n	G_0	Н	LE
El Reno 19	552	19	129	405
TSEB	566 (4)	70 (4)	126 (11)	370 (14)
SEBAL	563(8)	70 (3)	108 (37)	385 (45)
	Spatial v	variability	inside E19 fie	eld



























Site	н	LE	G	Rn
Grass	411 (7)	0	92 (2)	505 (1)
	377	8	N/A	N/A
Transition	419 (7)	0	88 (2)	509 (1)
(Bowen)	326	91	121	538
Mesquite	418 (35)	0	89 (8)	508 (7)
	364	22	N/A	N/A

















