

Impacts of sagebrush vegetation in a desert climate on the atmospheric boundary layer

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April 26, 2017

Abstract

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1 Introduction

2 Results

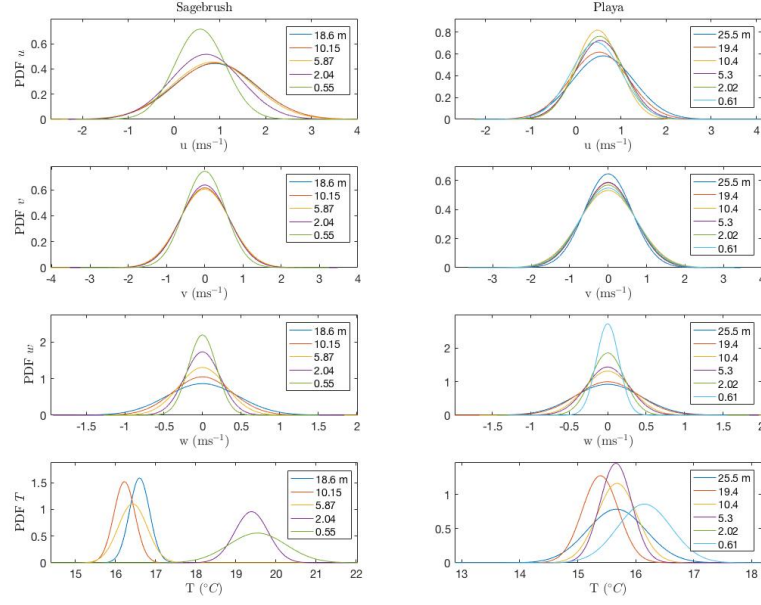


Figure 1:

Sagebrush					
z (m)	Statistic	u	v	w	T
18.6	Kurtosis	2.3731	3.1820	3.6346	1.6588
	Skewness	0.3067	0.2446	0.8532	-0.3490
10.15	Kurtosis	2.4933	3.4515	2.8027	1.8469
	Skewness	0.1651	0.1227	0.3879	-0.5126
5.87	Kurtosis	2.6679	3.2820	3.8053	2.0491
	Skewness	0.2694	0.1717	0.5359	-0.6396
2.04	Kurtosis	2.6868	3.6466	3.3045	2.0662
	Skewness	0.1876	0.3174	0.4101	-0.4458
0.55	Kurtosis	2.6739	3.1869	3.8168	2.4663
	Skewness	0.0655	0.3693	0.3859	0.7037
mean					

Table 1: Skewness and kurtosis values for the Sagebrush site on October 19th from 1500-1530 MST.

Playa					
z (m)	Statistic	u	v	w	T
25.5	Kurtosis	2.1075	2.5910	3.5269	2.2656
	Skewness	0.1212	-0.2004	0.7672	0.5295
19.4	Kurtosis	2.2519	2.8332	3.4123	1.6080
	Skewness	0.2287	-0.2862	0.7324	0.1421
10.4	Kurtosis	2.8320	1.9469	3.0079	4.6
	Skewness	0.3884	0.1464	0.3786	1.2276
5.3	Kurtosis	2.9033	2.1528	3.1285	3.2123
	Skewness	0.1862	0.1298	0.4560	0.9190
2.02	Kurtosis	3.0038	2.0993	3.2620	2.3460
	Skewness	0.3980	-0.0969	0.4160	0.6531
0.61	Kurtosis	3.1414	1.9599	3.3634	2.3473
	Skewness	0.5253	-0.1403	0.2770	0.6531
mean					

Table 2: Skewness and kurtosis values for the Playa site on October 19th from 1500-1530 MST.

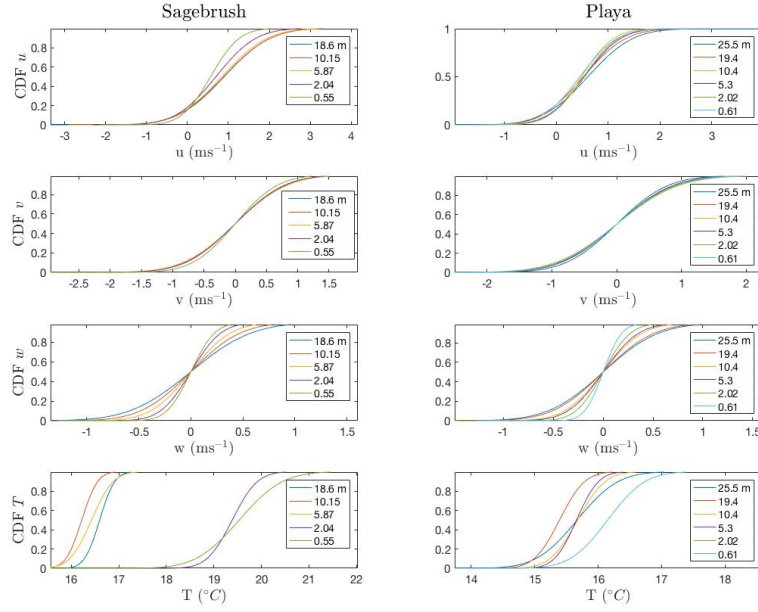


Figure 2:

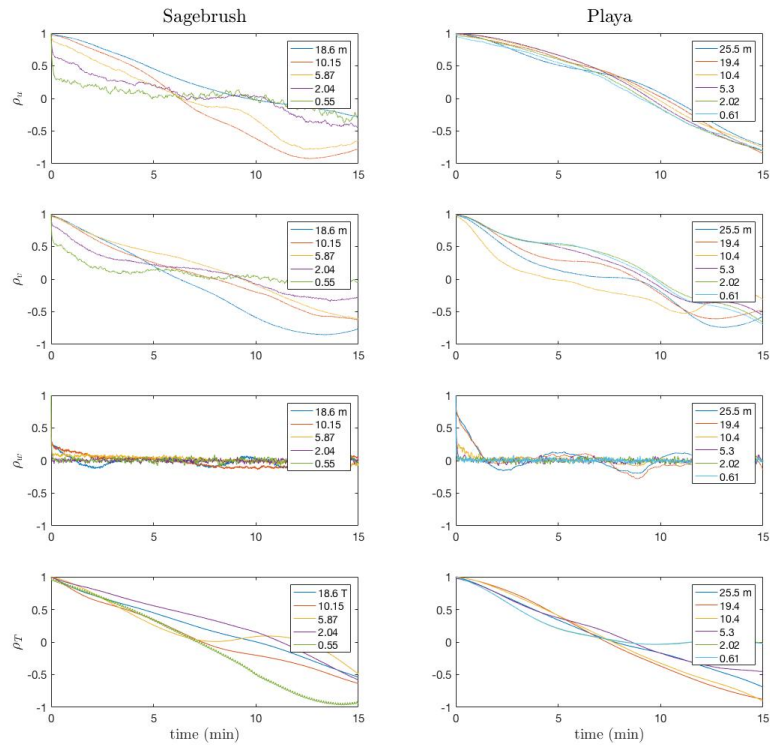


Figure 3: