Question	Scheme	Marks	AOs
2(a)	Census	B1	1.2
		(1)	
(b)(i)	$1018 - (1025 - 1018) \times 1.5$ (= 1007.5)	M1	2.1
	(1007 < 1007.5) There is one outlier/1007 is an outlier	A1	1.1b
		(2)	
(b)(ii)	Lower whisker drawn to 1009 **and** a single outlier at 1007	B1ft	2.2a
	Allow lower whisker to end at 1007.5 or 1009		
		(1)	
(c)	184 – 161 = 23 days with "Moderate" Windspeed 23 × 0.25 = 5.75, so 6 days.	M1 A1	2.4 2.2b LDS
		(2)	
			(6 marks)

Notes

(a)

B1: cao

(b)(i)

M1: finding the correct IQR for "light days" **and** using it to calculate the lower outlier limit (implied by a correct lower limit 1007.5)

A1: correct outlier limit with correct conclusion
Note: 1007 on its own with no supporting working is M0A0.

(b)(ii)

B1ft: correct lower whisker drawn to 1009 **and** single outlier marked at 1007
or correct ft their **conclusion** to part (b)(i) i.e. if they state there are no outliers, then the lower whisker must be drawn to 1007

(c)

M1: using knowledge of LDS to find the number of days with "Moderate" Windspeed.
Allow use of 180 to 185.
Implied by an answer of 5.75 or 19 to 24 from correct knowledge of LDS

A1: allow 5 or 6 days Correct answer only M1A1.