

XML Schema		Type	Comments
sepforecast			
	header		
	sender	string	optional
	email	string	optional
	model	string	
	forecasttype	string	restrictions <sup>1</sup>
	issuetime	datetime	
	predictionwindow		optional
	starttime	datetime	
	endtime	datetime	
	inputdata	string	optional, >1 possible
	issued_forecast		at least 1
	description	string	
	source_id	string	optional
	source_url	string	optional, >1 possible
	species	string	restrictions <sup>2</sup>
	location	string	restrictions <sup>3</sup>
	confidence	decimal	[0.0,1.0]
	event_length		optional
	onset_time	datetime	
	end_time	datetime	optional
	event_threshold		optional
	threshold	decimal	
	units	string	
	time	datetime	
	timing		optional
	onset_time	datetime	optional
	threshold_time	datetime	optional
	peak_time	datetime	optional
	end_time	datetime	optional
	strength		
	storm_level	integer	optional, [0,5]
	peak_flux		optional
	flux	decimal	>0.0
	units	string	
	time	datetime	
	fluence	decimal	optional, >0.0
	fluence	decimal	>0.0
	units	string	
	probability		optional
	value	decimal	[0.0,1.0]
	uncertainty	decimal	optional
	value_lower	decimal	optional, [0.0,1.0]
	value_upper	decimal	optional, [0.0,1.0]

<sup>1</sup> Allowed value for "forecasttype" is: "event based" (to be expanded)

<sup>2</sup> Allowed values for "species" are: electron, proton, helium, helium3, helium4, oxygen, iron, ion (to be expanded)

<sup>3</sup> Allowed values for "location" are: earth, mars, L1,L2,L4,L5, interplanetary (to be expanded)

		energy_range		
		e_minimum energy_min	decimal	default 0.0
		e_maximum energy_max	decimal	default -1.0 = infinity
		sep_profile		optional
		units	string	
		flux_point		>1 possible
		time	datetime	
		flux	decimal	>0.0