

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201911026240 A

(19) INDIA

(22) Date of filing of Application :01/07/2019

(43) Publication Date : 27/08/2021

(54) Title of the invention : SYSTEM AND METHOD FOR FORECASTING WEATHER

(51) International classification	:H04B0007185000, G01W0001100000, G01W0001020000, G08B0021220000, G01S0019360000	(71) <b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubation Foundation</b> Address of Applicant :SCO: 160-161, Sector -9c, Madhya Marg, Chandigarh- 160009, India. Punjab India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SALUJA, Nitin</b>
(33) Name of priority country	:NA	<b>2)VIJ, Kartik</b>
(86) International Application No	:NA	<b>3)KINRA, Rahul</b>
Filing Date	:NA	<b>4)GUPTA, Rouble</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an embodiment, whenever there is a change in the weather it brings distortion in signals that can be used for different purposes such as satellite TV signals, radio signals, GPS signals, mobile communication signals, VSAT and other signals from satellites. These signals face the distortion. Now, based on analysis and comparison of distortion and related pre-stored dataset pertaining to weather related data, the system 100 can forecast weather. In an embodiment, the system 100 enables receiving signals from different locations hence the data prediction can be done in real time from various locations enables creating a spatial data set that can be stored on a database and further can be analysed to enable weather forecast at enhanced accuracy.



No. of Pages : 29 No. of Claims : 10