

**GOVERNMENT OF INDIA  
MINISTRY OF EARTH SCIENCES  
LOK SABHA  
UNSTARRED QUESTION No. 1247  
TO BE ANSWERED ON FRIDAY, JUNE 28, 2019**

**LOCALIZE WEATHER FORECASTING**

**1247. SHRI JAYADEV GALLA:**

**Will the Minister of EARTH SCIENCES be pleased to state:**

- (a) whether India Meteorological Department is planning to launch/has launched pilot project for localized weather forecasting at block level;
- (b) if so, the details of the blocks where the pilot projects are operational along with the results thereof; and
- (c) the manner in which it is likely to help farmers to deal with vagaries of monsoon?

**ANSWER**

**MINISTER OF STATE IN THE MINISTRY OF HEALTH AND  
FAMILY WELFARE  
(SHRI ASHWINI KUMAR CHOUBEY)**

- (a) and (b) **Under the Gramin Krishi Mausam Sewa (GKMS) scheme, District Agromet Units (DAMUs) are being established at Krishi Vigyan Kendras (KVKs) in collaboration with Indian Council for Agricultural Research (ICAR) to implement block level Agromet Advisory Services (AAS). The network of DAMUs will be extended to cover all the districts in a phasewise manner. At present, the process of setting up of DAMUs at 200 KVKs (Annexure I) has been undertaken and remaining 330 DAMUs will be covered subsequently.**
- (c) **After successful implementation of district level AAS, India Meteorological Department (IMD) is in the process of implementation of block level weather forecast and Agromet Advisories to enhance outreach and usefulness of Agromet Advisories. Block level weather forecast and Agromet Advisories will aid the farmers in taking decision on day-to-day agricultural operations. AAS rendered by India Meteorological Department (IMD) is a step towards weather-based crop and livestock management strategies and operations dedicated to enhancing crop production besides reducing crop damage and loss due to extreme weather events. IMD is taking continuous efforts to reach each and every farmer in different parts of the country with block level weather forecasts and Agromet Advisories.**

Annexure I

<u>List of 200 KVKs selected to establish DAMUs (including 115 Aspirational Dist.)</u>				
S.No	State	No.	District	KVK Name
1	Andhra Pradesh	9	Prakasam	KVK Prakasam (Darsai)
2			East Godavari	KVK Kalavacharla

3			*YSR Kaddappa	KVK Utukur
4			*Viziagnagaram	KVK,Rastakuntubai
5			Nellore	KVK AK Nagar
6			Kurnool	KVK Banavasivillage
7			West Godavari	KVK Venkatramannagudem
8			Krishna	KVK Garikapadu
9			Srikakulam	KVK Ambadavasla
10	<b>Arunachal Pradesh</b>	3	*Namsai	DistLohit
11			Papumpare	KVK Papumpare
12			Tawang	KVK Tawang
13	<b>Assam</b>	8	*Hailakandi	KVK Hailakandi, Chandpur
14			*Dhubri	KVK Dhubri, AAU, Bilasipara
15			*Barpeta	KVK Barpeta, Howly
16			Cachar	KVK Cachar
17			*Darrang	KVK Darrang, Mangaldoi
18			*Baksa	KVK Baksa
19			*Udalguri	KVK Udalguri, AAU, Lalpool
20			*Goalpara	KVK Goalpara, Dudhoni, Goalpara, Assam
21	<b>Bihar</b>	14	*Khagaria	KVK Khagaria
22			*Gaya	KVK Gaya
23			*Purnea	KVK Purnia(Jalalgarh)
24			East Champaran	KVK Piprakothi
25			*Begusarai	KVK Begusarai(Khodawanpur)
26			*Katihar	KVK Katihar(Tingachia)
27			*Sitamarhi	KVK Sitamarhi
28			*Sheikpura	KVK Shekhpura
29			*Nawada	KVK Kauakaul,Nawada
30			*Banka	KVK Vijaynagar
31			*Jamui	KVK Khadigram
32			*Araraia	KVK Araria
33			*Muzaffarpur	KVK Saraiya
34			*Aurangabad	KVK Aurangabad (Siris)
35	<b>Chattisgarh</b>	9	*Mahasamund	KVK Mahasamund
36			*Korba	KVK Korba
37			Jashpur	KVK Dumarbahar
38			*Narayanpur	KVK Narayanpur
39			*Bijapur	KVK Bijapur
40			*Rajnanadgaon	KVK Rajnanadgaon
41			*Kanker	KVK Kanker

42			*Dantewada	KVK Dantewada
43			Korea	KVK Korea (Salka)
44	<b>Goa</b>	2	North Goa	KVK Goa
45			South Goa	KVK Panji
46	<b>Gujarat</b>	9	Panchmahal	KVK Panchmahal
47			*Dahod	KVK Dahod
48			Amreli	KVK Amreli
49			Dang	KVK Waghai
50			*Narmada	KVK Seed multiplication farm, Dediyapada
51			Vadodra	KVK Vadodara
52			Valsad	KVK Valsad
53			Jamnagar	KVK Air force road
54			Surat	KVK CRC, Athwaline
55	<b>Haryana</b>	6	Sonipat	KVK Jagdishpur, Sonipat
56			Shikohpur	KVK Gurgaon
57			Karnal	KVK NDRI
58			Mahendragarh	KVK Mahendragarh
59			Kurukshetra	KVK Urbanstate
60			Yamunanagar	KVK Damla
61	<b>Himachal Pradesh</b>	4	*Chamba	KVK Chamba (Saru Farm)
62			Bilaspur	KVK Bilaspur
63			Sundernagar	KVK Mandi
64			Sirmaur	KVK Sirmaur (Dhulakuan)
65	<b>J and K</b>	4	*Baramula	KVK Baramula (Kunzer, Tangmarg)
66			Kathua	KVK Kathua
67			*Kupwara	KVK Kupwara
68			Reasi	KVK Reasi
69	<b>Jharkhand</b>	17	*Lohardagga	KVK Lohardaga BAU
70			*West Singhbhum	KVK BAU Jagannathpur
71			*Sahibganj	KVK Sahibganj
72			*Kunthi	KVK Diyankel Village
73			*Simdega	KVK BanoSimdega
74			*Pakur	KVK Pakur
75			*Godda	KVK Godda
76			Deoghar	KVK
77			*Chatra	KVK Chatra
78			*Palamu	KVK PalamuDaltanganj
79			*Bokaro	KVK Bokaro (Petabvar)
80			*Garhwa	KVK Garhwa

81			*Ramgarh	KVK Ramgarh
82			*Giridih	KVK GiridihBengabad
83			*Hazaribag	KVK Hazaribag
84			*Latehar	KVK LateharBalumath
85			*Gumla	KVK GumlaBishnupur
86	<b>Karnataka</b>	12	Haveri	KVK Hanumanamatti
87			Mandya	KVK, V.C.Farm, Mandya
88			Bellary	KVK Hageri
89			Chikmagalur	KVK chikmagalur
90			Kodagu	KVK Gonikoppal
91			Bagalkot	KVK Agriculture Research Station,
92			Koppal	KVK ARS Campus, Kanakgiri Road
93			*Yadgir	KVK Kawadimatti
94			Tumkur	KVK ZARS, Konehally
95			Ramnagaram	KVK Chandurayanghalli
96			Chamrajnagar	KVK Seed Farm, Hardanhally
97			Kolar	KVK Tanka Farm
98	<b>Kerala</b>	3	Malappuram	KVK Malappuram
99			Palghat	KVK Pattambi
100			Kollam	KVK Kollam
101	<b>Lakshadweep</b>	1	Kiltan	KVK, Lakshadweep
102	<b>Madhya Pradesh</b>	14	Ashoknagar	KVK Ashoknagar
103			*Singrauli	KVK Singrauli
104			Neemuch	KVK Neemuch
105			Rewa	KVK Rewa
106			Katni	KVK Katni
107			*Damoh	KVK Damoh
108			*Barwani	KVK Badwani
109			*Rajgarh	KVK Rajgarh

110			Shahdol	KVK Shahdol
111			Balaghat	KVK Badgaon
112			*Guna	KVK Guna
113			*Khandwa	KVK Khandwa
114			Shivpuri	KVK Shivpuri
115			*Chhatrapur	KVK Chhattarpur (Nowgong)
116	<b>Maharashtra</b>	10	Nagpur	KVK Nagpur
117			Palghar	KVK Thane
118			*Nandurbar	KVK Nandurbar
119			Solapur	KVK Solapur-II
120			*Osmanabad	KVK Osmanabad
121			Aurangabad	KVK Aurangabad-I
122			Bhandara	KVK Bhandara
123			*Gadchiroli	KVK Gadchiroli
124			Buldana	KVK Buldana-II
125			*Wasim	KVK Washim
126	<b>Manipur</b>	1	*Chandel	KVK Chandel
127	<b>Meghalaya</b>	2	*Ribhoi	KVK Ribhoi
128			West Khasi Hills	KVK Nongstoin
129	<b>Mizoram</b>	1	*Mamit	KVK Mamit
130	<b>Nagaland</b>	2	Mokokchung	KVK Mokokchung
131			*Kephire	KVK Kiphire
132	<b>New Delhi</b>	1	South-West District	KVK Ujwa
133	<b>Odisha</b>	10	Cuttack	KVK Cuttack (Santhapur Farm)
134			*Rayagada	KVK, Gunupur
135			Mayurbhaj	KVK Mayurnhaj
136			*Balangir	KVK Nimkana
137			Jagatsinghpur	KVK Jagatsinghpur
138			Nayagarh	KVK Panipolia
139			Ganjam	KVK Benakuda
140			*Gajapati	KVK R. Udayagiri
141			Puri	KVK Puri
142			Angul	KVK Angul
143	<b>Puducherry</b>	1	Puducherry	KVK Puducherry
144	<b>Punjab</b>	5	Ropar	KVK Ropar
145			Jalandhar	KVK Jalandhar (Nurmahal)
146			*Ferozpur	KVK Ferozpur (Malwal Farm)
147			*Moga	KVK Moga (Budh Singh Wala)
148			Barnala	KrishiVigyan Kendra, Barnala-148107
149	<b>Rajasthan</b>	9	Chittorgarh	KVK, Chittorgarh
150			Dungarpur	KVK Dungarpur

151			*Karauli	KVK Karauli
152			*Jaisalmer	KVK Jaisalmer-I
153			Hanumangarh	KVK Sangaria, Hanumangarh-I
154			Jalore	KVK Jalore
155			*Dholpur	KVK Dholpur
156			*Baran	KVK Anta, Baran
157			*Sirohi	KVK Sirohi
158	<b>Sikkim</b>	2	East Sikkim	KVK Ranipool
159			*West Sikkim	KVK Manga
160	<b>Tamil Nadu</b>	10	Cuddalore	KVK Vridhachalam
161			Pudukkottai	KVK Pudukkottai
162			*Ramanathpuram	KVK Ramnathpuram
163			*Virudhunagar	KVK Aruppukottai
164			Vellore	KVK Virinjipuram
165			Thiruvallur	KVK Tirur
166			Kancheepuram	KVK Kattupakkam
167			Dharmapuri	KVK Papparapatty
168			Salem	KrishiVigyan Kendra, Salem
169			Tiruchirapalli	KVK Sirugamani
170	<b>Telangana</b>	4	*Adilabad	KVK Adilabad
171			Nalgonda	KVK Nalgonda (Kampasagar)
172			*Warangal	KVK Warangal (Mamnoor)
173			*Khammam	KVK Khammam (Wyra)
174	<b>Tripura</b>	1	*Dhalai	KVK Dhalai
175	<b>Uttar Pradesh</b>	17	Bhadohi	KVKBhadohi
176			*Sonebhadra	KVK Tissuhi, Sonbhadra
177			Kannauj	KVK Kannauj (Anaughi), Kannauj
178			Gorakhpur	KVKBelipar, Gorakhpur
179			*Fatehpur	KVK Tharion, Fatehpur
180			Bulandsahar	KVK, Bulandsahar, Bulandshahar
181			*Chitrakot	KVK Ganivan (Via-Pahari), Chitrakoot
182			Jaunpur	KVK Jaunpur
183			Kushinagar	KVK Veg Seed Prod Farm, Kushinagar
184			Azamgarh	KVK Harbanspur, Azamgarh
185			*Siddharthnagar	KVK Sohna, Siddharthanagar
186			Gazipur	KVK P G College Ravindrapuri, Ghazipur
187			Shajahnapur	KVK Niyamatpur, Shahajahanpur
188			Baghpat	KVK Meerut Road, Baghpat
189			*Balrampur	KVK Near MotipurHarhawa, Balrampur
190			*Chandauli	KVK BichiyaAgril. Farm, Chandauli

191			Mainpuri	KrishiVigyan Kendra, Mainpuri-205001
192	<b>Uttarakhand</b>	<b>3</b>	Almora	KVK Almora
193			Nainital	KVK Nainital (Jeolikot)
194			Pithoragarh	KVK Pithoragarh (GainaAncoli)
195	<b>West Bengal</b>	<b>6</b>	*Mursidabad	KVK Murshidabad
196			North 24Parganas	KVK Ashoknagar North 24 Parganas
197			Jalpaiguri	KVK Jalpaiguri
198			*Birbhum	RathindraKVK,Santiniketan ,Bolpur
199			Purlia	KVK Purlia
200			*Maldah	KVK Ratua, Malda

\* Aspirational Districts