

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO.3197
TO BE ANSWERED ON 12.07.2019

Deaths of Animals due to Heat Wave

3197. SHRI A. GANESHAMURTHI:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- a) whether large number of animals and birds kept in zoos in many parts of the country died due to heat wave during the summer;
- (b) if so, the total number of animals and birds died during the last three years; zoo-wise;
- (c) whether the Government has taken/proposes to take any preventive measures to stop such deaths in the future; and
- (d) if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(SHRI BABUL SUPRIYO)

- (a)and(b) As informed by the Central Zoo Authority, 31 animals have died in recognized zoos due to heat wave in summer during the last three years. Zoo-wise details of death of animals and birds are given in the **Annexure**.
- (c)&(d) The preventive measures taken by the Government to stop such death includes:
1. As per provision of the Schedule 5(4) of Rule 10 under the Recognition of Zoo Rules, 2009, all the zoos have been advised to provide feeding cells / kraals to serve as indoor enclosures for the animals during extreme weather conditions.
 2. Disaster / Contingency Management Plan is prepared for each zoo as part of its Master Plan. It includes specific measures to be adopted during extreme weather conditions.
 3. The Central Zoo Authority in association with the Indian Veterinary Research Institute, developed Protocol on Zoo Animal Health Management. It includes seasonal measures to be adopted by zoos.

ANNEXURE

ANNEXURE REFERRED TO REPLY TO PARTS (a) & (b) OF THE LOK SABHA UNSTARRED Q. NO.3197 REGARDING 'DEATHS OF ANIMALS DUE TO HEAT WAVE' BY SHRI A. GANESHAMURTHI DUE FOR REPLY ON 12.7.2019.

Death of animals due to heat wave during the summer, as reported by Zoos during last three years:

Sl.	Name of State	Name of Zoos	Year	Reported reason of death	Number
1	Andhra Pradesh	G.V.K. Industries Deer Park	2017-2018	Sun stroke	2
		Sri Venkateswara Zoological Park	2016-2017	Heat Stroke	10
			2017-2018	Heat Stroke	1
2	Bihar	Sanjay Gandhi Biological Park	2018-2019	Heat Stress	3
3	Chhattisgarh	Kanan Pandari Zoo	2017-2018	Heat Stroke	1
		Nandanvan Jungle Safari (Naya Raipur)	2016-2017	Heat Stroke	1
		Indroda Nature Park	2017-2018	Heat Stroke	1
		Kamla Nehru Zoological Garden	2016-2017	Heat Stress	1
4	Gujarat		2017-2018	Old age with Heat Stress	1
		SayajiBaug Zoo	2016-2017	Heat stroke due to excess heat (44.6 C)	1
5	Jharkhand	Jawaharlal Nehru Biological Park	2016-2017	Heat stroke	1
			2017-2018	Heat Stroke	2
			2018-2019	Heat Stroke	2
6	Kerala	Thiruvananthapuram Zoo	2016-2017	Heat Stroke	1
7	Madhya Pradesh	Gandhi Zoological Park	2016-2017	Cardiac arrest caused by Heat Stroke	1
		Van Vihar National Park Zoo	2016-2017	Heat Stroke	1
8	Maharashtra	Maharajabag Zoo	2017-2018	Heat Stroke	1
	Grand Total				31