



STATISTICAL ANALYSIS OF THE RELATIONSHIP BETWEEN MONTHLY AIR TEMPERATURE AND RELATIVE HUMIDITY CHANGE IN THE TERRITORY OF THE REPUBLIC OF UZBEKISTAN, AND CASES OF INFECTION OF THE COVET-19

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Abstract: In this state and basic data, provided by Yandex Roshydrometer and Johns Hopkins University & Medicine, a statistical analysis was carried out regarding changes in temperature and relative humidity in the territory of the Republic of Uzbekistan and cases of coronavirus infection. Covet-19provoditsya .

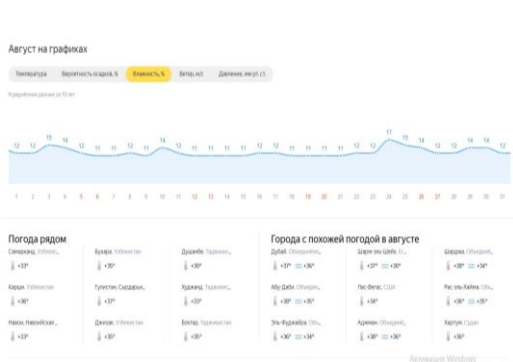
Key words: Covid-19, relative humidity, temperature, optimal meteopathic values, immune system.

Introduction: Uzbekistan in the Republic of the population sanitary-epidemiological peace of mind and safety provision , coronavirus infection spread prevention in getting official state and economy management organs and of organizations coordinated activities organize of citizenslife and health protection to do in order to the government decisions acceptance done .[1]

We are young scientists by that's it such as decisions performance provide in order to research works take is going This present being carried out Covet-19 virus in the article spreading to the weather, in particular the air to humidity dependence seeing we go out.

Literature analysis and methodology: Man organism the weather to change very touchThe weather sharp and often change , human in the body pathological reactions are also frequent manifestation will be Man organism optimal for meteopathic values are: air temperature 18 ° C, relative humidity is 50% .[2]

Low humidity in the room the air temperature when raised of air relative humidity up to about 20% falls Dry like air covid-19 in the air of viruses spreading makes it easier. From this except , dry the air immunity of our system to pathogens answer to give ability reduces Research results that's it showed that many problems point to do of air relative to humidity depends. Air humidity in the range of 40-60% of viruses spread significant level reduces and immunity system to viruses strong resistance to show help will give. [3]



[4]



[5]

Yandex Rosgidromet and Johns Hopkins University & Medicine to information relying on Uzbekistan republic in the area months in the section the air temperature and relative of moisture of change, the Covid-19 virus infection cases in the middle dependence Analytical statistics method seeing we go out

Moon	Air temperature ⁰ C	Relative moisture %	Infection with Covid-19 cases (this average on the 7th day of the month)
january	8	60	0
February	7	58	0
March	16	50	19
April	22	40	100
May	32	33	67
June	36	20	233
July	40	17	699
August	38	12	748
September	34	14	325
October	25	21	229
November	18	37	149
December	10	61	88

Results: If we look at the numbers in the table, we can see that the increase in air temperature caused the decrease in relative humidity, and the incidence of disease increased with the decrease in relative humidity.

Conclusion: The results of such research can be used as necessary information to predict the dynamics of the spread of new stamp waves of the covid-19 virus and to develop plans and measures to reduce the average number of infections.

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