

# North Atlantic Hurricanes Take Birth in India and can be Moderated only in Pakistan by Reversion of their Agitator, the Indus Basin Water Treaty of 1960.

by

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**Abstract:** Since 1960, terrible rise of Global Heat Contents and Temperature (GHT) has taken steep upward turn, at an extremely alarming speed and so did all its followers as an aftermath of 39 MAF water diversion from Pakistan to India under Indus Basin Water Treaty 1960 (IBWT). This has bulldozed water vapors blending of air wheels generated by highly heated Rajasthan, Chulistan and Thar (RCT) deserts through irrigation of southern Pakistan. This in turn has squeezed the efficiency of Global Heat Shedding System to only 11.76%. The intensities and frequencies of Hurricanes Tribe and Global Hazards are also boasted indirectly by escalated growth GHT, but the case of North Atlantic Hurricanes (NAH) is somewhat different as these are born in Rajasthan and could not be tamed and moderated by water vapors in Pakistan, rather severely boasted due to IBWT implementation. NAH birth in Rajasthan and boasting by both accumulated status of GHT and current temperaments of IBWT is proved and elaborated in this work. The huge growth of power of the NAH within the era of IBWT compared with that of preceding era has proved their closed and complete dependence, rather slavery. It is estimated that reversal of IBWT will reduce their further build-up speed by 55%, but to block their further growth and force this Gang back to its safe environmental status, mobility of whole the God gifted ideal and unique Water Cycle and Persian Air Wheel Heat Pumping (PAWHP) of Pakistan presented in this work is vital. The UNO, USA and all the stakeholders are urged to immediately mobilize **this unique Pakistani Water based System**, overruling all the bindings, concerns and National interests for **Global Environmental Safety**, before it is too late.

**Keywords:** Blocking of Global Heating; draining of accumulated heat buildup; Evaporation; Precipitation; Persian Air Wheel Heat Pump; Toppling of Air Wheels; Merger of Air Wheels At Toppling ; Storms and Hurricanes Tribe; Sun strokes; matching of time zone of Indo-Pak air wheel generation and NAH season.

## **Abbreviations:**

Abbreviations	Stands for	Abbreviations	Stands for
IBWT	Indus Basin Water Treaty	PAWHP	Persian Air Wheel Heat Pump
GHG	Green House Gasses	RCT	Rajasthan, Chulistan and Thar
GHT	Global Heat Contents and	RCTD	RCT Deserts

	Temperature	NAH	North Atlantic Hurricanes
MAF	Millions Acre Foot volume of water	WEPC	Water Evaporation & Precipitation Cycle

**1. Introduction:** The Global Heat Contents (Figs. 1) [1], average Global Temperature (Figs. 2 and 3) [2], [3], North Atlantic tropical storm Annual frequency at 10 year running average (Fig. 4) [4], Global hazardous events (Figs. 5) [5], were all rising since the start of industrialization in the 20<sup>th</sup> century in spite of all continuous trials of the natural restoring and resettlement processes. Since then all these, including hurricanes and all its tribe were rising slowly, but all these have taken an extraordinary and extremely steep upward turn within 1960-73 (Figs. 1-5). The GHT growth rate is closely linked with and close follower of rate of water diversion of three eastern rivers from southern Pakistan to India through IBWT 1960 [6] and so is the case of rate of growth of Atlantic hurricane tribe (see Fig. 6a, 6c [5]). In other words their current power/stature (sum of all the parameters) is proportional GHT buildup or total quantity of water diverted up till now. These three; Global Heat contents, Global temperature and North Atlantic hurricane family closely follows the IBWT, while others affected ones are follower with time lag of few years (see figures 5b and 5c). An interesting discussion on the subject from various viewpoints endorsing hurricanes growth along with their damages may be viewed in reference [6], but the reasons behind their extraordinary growth and its remedy has not been established there. All these hurricanes tribe are close followers of Global Heat Contents and Temperature (GHT) as stated for wildfire [7]. The heat inputs, by its major players; the fossil fuels usage for energy requirements, explosive use in warfare, huge wildfires and volcanic eruptions, both direct and indirect through their pollution, GHG and soot production have been estimated to be at the most 20% [7] of the rate of increase of Global heat buildup presented in reference [1] and stated to be correct. Almost all the 16 symptoms/parameters of the Global heat buildup status and indicators, led to the aftermath of Indus Basin Water Treaty (IBWT), as the only major reason behind its remaining 80% buildup, the present running estimate within a limited area of jurisdiction and rough assumptions is however 55% [7]. The contribution of other main players is bilateral support on give and take basis and hence they all are rising following monotonically as may be observed from the graphs (Fig.5a, 5b and 5c) [5]. The GHT growth is surely followed by all its tribe and thus hurricanes, tornadoes, wind and snow storms, floods etc grew in frequency and intensity all over the world, but North Atlantic Hurricanes (NAH) tribe has particularly been boasted by this, both directly and indirectly (see Fig. 6a and 6b [8]) and have close and direct relation with GHT growth and IBWT through its completely crippling of Global heat pumping capability of RCTD generated air wheels by blocking their water vapors blending. Their indirect growth as a result of GHT growth may be understood along with the other affected global environment components, but how it is directly follower of GHT and IBWT or rather in the true sense to the Rajasthan and transcontinental travel of its generated air wheels has been elaborated below.

## **2. North Atlantic Hurricanes Birth in Rajasthan-India:**

The old paradigm of NAH generation and initiation within the Atlantic Ocean at its centre or at African western coast as shown in their tracks Fig. 7 [10] and also shown in reference [11] is upgraded here below. It is claimed here that **North Atlantic Hurricanes** (NAH) take birth in Rajasthan-India, Chulistan and Thar of Pakistan as vertical westward rolling wheels [12, 13] and were tamed and moderated in Pakistan with water vapors blending before IBWT implementation in 1960 and made them almost decent, favorable and beneficial for whole the Globe. Here in RCTD, the air heated by Sun radiations becomes lighter and hence rises up and forms vertical westward rolling wheels [7, 11, 12 and 13] during the summer follower gap between the reversal of Sea to Land and Land to Sea breeze from July to November (Fig.8). In winter these air wheel are not generated due to insufficient sun heat and temperature, while the cold environment after the winter follower gap does not provide supporting opportunity to the Sun heat in air wheel generation [7]. In all the summer and in early winter any wheel developed are dragged to North and South by sea to land and land to sea breeze respectively. These westward rolling air wheels mainly carry on rolling westward over Saudi Arabia, Somalia, Sudan, Sahara desert and then to western coast of Africa and a part over the eastern coast of Africa and Indian Ocean. At the western coast of Africa, these vertical rolling air wheels are toppled by western coastal wind of Africa as counterclockwise (view from satellite) rotating hurricanes as explained below.

### **2.1 Toppling and Merger of Air Wheels to Form North Atlantic**

**Hurricanes:** As stated above, these Air Wheels experience a heavy blast from the wind coming from the south at its exit from the African western coast. This blast is also the time bound activity generated naturally due to Sun location shift with respect to the ground at this time of the year. This is why; the storms and hurricanes generated by the above stated air wheels shift to North West to USA in place of their normal westward track of easterly trade wind across Atlantic, Caribbean sea, Northern part of South America, Central America and Pacific (shown in cyan color arrows in Fig. 7). The upper side of this Southern African Western Coastal wind blast, being more forceful than that of bottom; it topples these westward rolling vertical air wheels to their north to rotate them counter clockwise in almost horizontal plane along with a push to direct them towards USA from around the equator. Their counter clockwise rotation is not because of their being in the northern hemisphere of earth, but partly or totally due to Southern wind thrust and partly due to corollary effect (Fig. 9) of southern air blast toppling them to the North. This may be so, even if this may happen in Southern Hemisphere before their crossing the equator. After toppling, the rolling speed contribution to their translation is almost finished and now their linear translation speed is the resultant of already gained speed (resultant of slipping and rolling) and the speed imparted by the South African coastal wind thrust. With the rise of GHT, the number of air wheels, their energy (Fig. 10) and the South African coastal wind thrust may increase with its larger push to the North and thus northern

states of USA may become target of extremely sever hurricanes 2wtribe members. There are very rare chances, when these air wheels slip away un-toppled to USA as is evident from the records. This is due to vertical variation of thrust of African southwestern coastal wind. If it happens that there is no vertical variation, then these vertical wheeling hurricanes may have a landfall on USA. There are perhaps, only one or two such examples in the recent history. **If before toppling, these vertical air wheels are close to each other, they may merge together at their toppling to form a wheel of double or triple in size, intensity and brutality and some of the wheels falling in this merger at their center may gain the speed by shedding or off-loading their mass/outer layers by mutual action and reaction to form one, two or more tornados spawned within the hurricane.** If these air wheels are far apart, after toppling independently, they may go to USA side by side or one after the other (Fig. 11) as per their mutual pre-toppling location [14]. The timings of toppling air divinely matches with the time duration of these Indo-Pak air wheels and intensity of their thrust. These storms and hurricanes carry on their journey un-noticed till mid of Atlantic Ocean being out of vision without clouds. Up till here, the air becomes saturated of water vapors collected from the Atlantic Ocean and start losing their heat to the cooler Upper Space forming clouds and hence they are noticed by the observatories. **The formation of the said air wheels, their population, the growth of their volume, boost in their rolling and slipping speeds, build up in their heat energy contents, increase in intensity of the thrust of toppling and redirecting southern wind, all this being the game based upon the accumulated heat contents and temperature of the Globe, thus higher the GHT, the more forceful will be the temperaments of these air wheel and their toppling wind and hence the storms, hurricanes and tornadoes and thus their brutality, unless these are engaged in their God gifted huge potential of heat transmission to the Upper Space as elaborated above through properly blending them with water vapors in Pakistan [13].** Thus an incomplete Paradigm [7, 9] has been updated, that NAH take birth in RCT deserts, mainly the Rajasthan of India in form of west ward rolling Air Wheels. These Air Wheels carry on rolling and slipping till western coast of Africa, where these are toppled and pushed towards north and then these move to USA and Carrabin countries over the Atlantic. Up till middle of Atlantic these move generally undetected being without sufficient water vapors and clouds, but up till this stage, they have received sufficient moisture from Atlantic and with formation of clouds these appear as horizontally counterclockwise rotating storm and hurricanes. Their birth in RCTD, their route on Africa and toppling and movement over Atlantic Ocean are irrespective of IBWT operation or reversion. **The IBWT and GHT severely affect and dictate in their frequency, intensity, brutality, population, merger at toppling and enlargement of their diameters or width of their tracks, area smothered, enlargement of their jurisdiction, shift in their normal tracks and locking at the new targets and boast in their objectives. A few of these parameters are discussed below.** The Fig. 12 [15] shows the air movement on September 2 over the globe (a sample of about three months from 15 July to 15 October), the above stated air wheels carriers, with Southern Pakistan as the centre of main activities highlighted by initiation of various

lines (representing air movement) here in Pakistan indicating their route and arrowheads indicating their direction of movement. The NAH season (Figs. 8, 13) [16, 17, 18] matches with the season of air wheel generation at Rajasthan with 10-15 days lag required for their traversing the distance (Fig. 8), with or without IBWT operation.

1. the season of NAH (Fig. 13) follows the season of gap following air wheel generation in both start and end with about 10-15 days gap required by them to reach USA (Fig. 7, 8).
2. Half sine wave trend of NAH growth follows the trend of air wheel generation during the said Gap matching peak to peak and minimum to minimum (Figs. 7, 8 & 13) with 10-15 days gap.
3. Half the track of NAH from African western coast to USA is confirmed by the media and scientific reports (Fig. 7, yellow arrows).
4. Full track of NAH is confirmed by NASA report of wind movements (Fig. 12) during this period.

The role of Pakistan and India in their battle against whole the globe in general and USA along with Carrabin Countries in particular is most important as pointed out bellow.

## **2.2 Pakistan and Indian roles in NAH intensity and frequency:**

Here in Pakistan during the immediate last part of their formation, these wheels are fully quenched with water through irrigation supplies in southern Pakistan in the absence of IBWT. On their way to west, a minute amount of water is also absorbed by the periphery or circumference of the air wheels while rolling over the Gulf with short duration of their flight, whereas, deep contact with large duration during the formation of these air wheels are thoroughly blended with water from the irrigation supplies in Southern Pakistan. Water vapor's part in Global Heat transportation to the outer space by fully water blended air wheels is 88.24% and that of its air is 11.76%. But by giving logical due discredit to its incomplete precipitation in its rolling cycle on the way, the water vapor role may be about 75% [7]. Thus with obstruction of 39 MAF water from southern Pakistan and giving it to India has reduced the Global heat export to outer universe by 75% per wheel turn, starting with zero in 1960 and reaching complete 75% per wheel turn (117 turns on North African track and 127 on Indian ocean track) since 1971-73 by implementation of IBWT-1960 [13] and boast of NAH proportional to GHT buildup or quantity of water shifted to India. Thus the World Bank, USA, UK, France, Germany, Australia and India have pulled the Earth Globe from the natural safest moderation process in Pakistan and hurled the whole Globe to the hell, the disaster of which is continuously increasing with time as can be observe in Figs 1-6 for this era. This has reached at a stage that 2 or 3 sever hurricanes simultaneously are hurled on USA by the joint venture of IBWT and GHT hard Climate Heating status. The number of total and simultaneous hurricanes and their brutality are to increase at much rapid speed with times as per their trend Figs. 4, 5a, 5b, 6c, 6a, 6b and 10. Moreover, the heat and pollution [19] generated by the Indian

heat energy based industry in southern India adds much more to the ferocity of Rajasthan air wheels and directly contributes to the frequency and brutality of NAHs over and above heat stroke epidemic in Southern Pakistan, like the severest ones in 2015/2016 [20]. Thus the industries in southern India must be urged to go slow with strict control during May to November to avoid its further role of silently throwing petrol on the burning fire of GHT and adding much more explosive in its NAH stealth nuclear missiles fired at USA and Carrabin Countries. Thus the Indian two pronged tragic role is through IBWT implementation and huge heat, pollution, GHG and soot input by its industry, particularly that of southern India in both GHT abrupt huge continuous buildup and dictated NAHs in **their frequency, intensity, brutality, population growth, merger of multiple air wheels at toppling and enlargement of their diameters or width of their tracks, population of spawned tornados, area smothered, enlargement of their jurisdiction, shift in their normal tracks, boast in damages and looses, locking the new targets and boast in their objectives.** On the other hand if IBWT is reverted, then Pakistan will moderate all parameters of both GHT and NAH by water blending of the PAWHP. However, to defuse whole the extraordinary GHT buildup and NAH Stature and cool down their temperaments, all the three parts of Pakistan's WEPC as discussed in reference [13] need immediate mobilization. Following may be summarized in Pakistan unique status in this regards.

- a. its southern part can export additional 9.024 ZJ Global heat to outer universe with 117 cycles on Atlantic route and 127 cycles on Indian Ocean route if IBWT is reverted [13]. Pakistan is unique throughout the world in this opportunity with its unique facilitators stated below at the end of next heading.
- b. If Chulistan and Thar deserts are irrigated, these can transport additional 10.01 ZJ Global heat to outer universe [13] with same unique strategy as above of No. a.
- c. If monsoon and other possible flows of water are properly managed through storage dams, channels for diversion of flood water to off-channel storage dams, irrigation system, drainage system, power generation system, it can export additional 5.46 ZJ Global heat to the outer space and flow required by No. b above. The flow resources can be extended by the unique re-recycling of water with unique God gifted **precipitation trap** and unique God gifted **water vapors escape blocker system** with high mountains on North and west sides and coastal sea to land breeze in summer and global winds and Nobahar wind in winter and spring season.

Thus Pakistan has no match throughout the world in this treatment of all Global major and minor problems and diseases including compression of NAHs and winter snow storms disaster.

### **3. Global Wind Movements During Pakistani Persian Air Wheel Heat Pumping Activity:**

Figs. 1-3 indicate the extraordinary GHT rise after 1973 as a result of water vapors feed obstruction to air wheels by continuous IBWT operation tragedy. The relatively less temperature rise and its fluctuations in between 1960-1973 matches and corresponds to increasing flow obstruction by IBWT till its maximum by 1973 and thereafter complete diversion throughout the time passed. The Fig. 12 also explains the large rise, but with the different rate in the heat buildup of various Oceans. The Global Heating Trend Analysis ratifies the location dependent influence of IBWT heat dissipation obstruction role in different heat contents boasted in different Oceans depending on their location with respect to RCTD and air wheels and wind routes and their instant heat pumping capability. The IBWT has crippled the WEPC of Pakistan and its Persian Air Wheel Heat Pump (PAWHP) Activity and thus made it heater in place of cooler.

A part of Global heat is transmitted to upper space and the rest retained in air wheels, but if these are well blended with water vapors in Pakistan, then they will constantly carry on gaining large quantity of heat from the air layers close to the earth surface and transport it to troposphere, thanks to the large evaporation latent heat, reflection of sun radiations by clouds, absorption of sun and earth radiations by water vapors and clouds, heat retention by water vapors as GHG and then off-loading these all to the Upper space by PAWHP through precipitation. Hence at the exit from Africa, these air wheels may be of energy intensive if not blended with water vapors in Pakistan. These energy intensive air wheels will hand over a major part of heat to the Atlantic, Caribbean and Pacific Oceans and the retained part, partly in the water vapors in form of latent heat and partly kinetic energy of the storm and hurricanes. The first one transported to upper cold atmosphere during precipitation and the later one resulting in destruction at the earth surface. This 39 MAF water evaporation in southern Pakistan quantity wise has no match with Global water evaporation [21], but following parameters of its location in the Globe

1. at the edge of tropical zone,
2. at the western side of PAWHP generating RCT deserts,
3. Guiding pattern of Baluchistan's Mountains,
4. long long route on Africa, perhaps Northern Africa east-west elongated divinely created for boasting its Global Heat export performance,
5. Huge solar heat container, the Sahara desert on route,
6. long long Southern African coast for powerful southern coastal wind Blast, perhaps Southern Africa north-South elongated divinely created for this purpose,
7. Matching of the timings of the two winds for wide Atlantic Ocean role,
8. long track over Atlantic and Pacific of its carrier the easterly,
9. a large pass over the central America between western mountain ridges of both north and south American Continents for transcontinental role of Indo-Pak generated Persian Air Wheel heat pumps and their carriers, the easterlies,
10. both eastern and western sides of western mountain ridges patterns of both north and south American Continents

and many others its role facilitators, both in and out of the season has made it extremely unique in its role over whole the Globe.

#### 4. **IBWT Spawned and Boasted North Atlantic Hurricanes Tribe:**

Following may be reviewed for their confined link with the era of IBWT or **IBWT Tragic** governing and strict control, rather dictation of North Atlantic Hurricanes (NAH) tribe.

1. The record (bar chart) of these hurricanes [22] clearly shows the large growth in numbers of hurricanes in the era of IBWT operation (1960-2018).
2. **Out of 57 costliest North Atlantic hurricanes (NAH) [25], none is outside the IBWT operation era (1960-2018).**
3. Out of 18 recorded Atlantic Pacific crossover hurricanes [24], 12 are of this **IBWT operation** era of 56 years, while only 6 in 120 years are before this era. This means that growth of these in post 1960 era is **4.286 times** as compared to that of era before 1960.
4. Out of 28 recorded Earliest formation of north Atlantic tropical cyclones by storm number [25], **26 fall in this era** and **21 fall in time zone of Indo-Pak air wheel time zone.** The **5, falling out of the Indo-Pak air wheel time zone are surely promoted by the GHT scenario developed by tragic role of IBWT.**
5. Out of 10 recorded **most intense (pressure)** North Atlantic Hurricanes (NAH) [25], 9 fall in this era.
6. Out of 11 recorded **most intense (landfall pressure)** NAH [25], 6 fall in this era.
7. Out of 9 recorded **most intense (landfall in USA)** NAH [25], 7 fall in this era
8. Out of 10 recorded **longest duration** NAH [25], 9 fall in this era.
9. Out of 14 recorded **longest duration as Category 5** NAH [25], 12 fall in this era.
10. All the 6 recorded **largest diameter** NAH [25], fall in this era.
11. All 7 recorded **highest forward speed** NAH [25] fall in this era.
12. All 6 recorded **longest distance traversing** NAH [25] fall in this era.
13. All 11 recorded **most tornadoes spawned** NAH [25], fall in this era.
14. Out of 10 recorded **most sever land falling** NAH in USA [25], 8 fall in this era.
15. From the statistical analysis of recorded data [25], the era in question as compared to that of 73 year before 1960 [25] has rate of storms 2.11 times; rate of category 3 hurricane 2.182 times; rate of category 4 major hurricanes is 2.69 times and rate of category 5 hurricanes is 5.123 times (see table 1). The graph of this (Fig.9), shows that frequency of sever hurricanes has grown up hyperbolically proportional to their category.

**Table 1. Comparison of storm and hurricanes frequencies before and after 1960.**

Era	Years	Tropical Storms		Major Hurricanes					
				Category 3		Category 4		Category 5	
		Nos.	Rate /year	Nos.	Rate /year	Nos.	Rate /year	Nos.	Rate /year
a	1887-1960=73	104	1.424	54	0.7397	20	0.274	2	0.0274
b	1960-2017=57	171	3.0	92	1.614	42	0.737	8	0.1404
Ratio rates b/a		2.11		2.182		2.689		5.123	



## 5. **IBWT Spawned and Boasted Global Hazards Events:**

Trend of all Global Hazardous events (and economic damages and peoples affected) is showing their abrupt rise after 1960 Fig. 5a (and Fig. 5b, 5c). The abrupt rise in geophysical and biological hazards after 1960 may have linkage with Global temperature rise, but huge, rather extremely high rise in hydro-meteorological hazards indicate close link with abrupt GHT rise which is the result of forced inappropriate working of Indo-Pak air wheels due to tragic IBWT implementation. Trend of these hazards events, both in 1960-1973 and post 1973 as well as in pre 1960 eras as shown in reference [26] exactly matches directly with GHT and total quantity of water diverted by IBWT.

All the above points clearly show that growth of Intensity and Frequency of Atlantic Hurricanes Tribe and Global Hazards is strictly governed by IBWT and directly depend upon miss-operation of Indo-Pak generated PAWHP by the implementation of IBWT, over and above the horrible growth in GHT. The tragedy is that IBWT implementation is continuously pumping without any break or pause to catastrophic parabolic growth of GHT, all the Atlantic Hurricanes and Storm Tribe and highly dangerous Global Hazards. **The Global safety is slipping out of our hands, unless IBWT is reverted along with mobilizing all the other allied God Gifted related potentials in Pakistan [13]. This will take 15-25 years in their mobilization with all the hectic developmental activities along with availability of all the required finances and resources and only then, will start the decline in piled up GHT and stature of brutality of Atlantic Hurricanes Tribe. With the present estimates, all the further growths will be blocked immediately after the mobility of all the Pakistani Potentials, but it will take about 100 years [13] to drain the present accumulated GHT and restore pre 1960 status of NAH and the environmental if no further extraordinary heat, GHG, Pollution and heat outflow obstruction come into play.**

## 6. **Conclusion:** from the above discussion it can be concluded that

1. North Atlantic hurricanes take birth in Rajasthan, Chulistan and Thar as vertical westward rolling air wheels. These are toppled at their entry over the Atlantic to form counterclockwise rolling horizontal air wheels and proceed to USA and Carrabin countries. This part is independent of GHT growth and IBWT has no role in it.
2. IBWT implementation through continuously growing GHT dictates continuous growth of NAHs in **their frequency, intensity, brutality, air wheel population growth, merger of multiple air wheels at toppling and enlargement of their diameters or width of their tracks, population of spawned tornados, area smothered, enlargement of their jurisdiction, shift in their normal tracks, huge boast in damages and looses, locking at the new targets and boast in their objectives**
3. India has two pronged tragic role in both GHT huge continuous disastrous buildup, an unprecedented continuously increasing bombardment on whole the Globe through continuously increasing huge snow storms in winter and all the above stated annually

boasted horrible dictations to NAHs, gifted in approaching winter to USA and the Carrabin countries, indirectly through extremely disastrous IBWT implementation and directly through huge heat, pollution, GHG and soot input by its industry, particularly that of southern India through boasting GHT.

4. The reversion of 34-45 MAF water flow back to Pakistan, diverted to India by IBWT-1960 will reduce further buildup speed of the hurricanes and all their gang members' by about 55-75%.
5. Pakistan is the only country throughout the world, which not only can completely block further growth of GHT, NAHs and all their tribes and followers with reversion of IBWT and optimum development and immediate mobilization of its all the above pointed out three parts of Pakistani WEPC [13], but can defuse their present huge buildup and bring them to the normal pre 1960 safe status in 100-115 years.
6. The safety of USA and Caribbean countries from further buildup of brutality of snow and wind storms, hurricanes, tornadoes, heavy rain, floods, heat waves, jungle fires is linked with the activity referred to in serial no.4 above, while for its reversion to the status before 1960 implementation of activity referred to at serial No. 5 above is vital.

## **7. Recommendations:**

It is recommended that

1. The complete 34-45 MAF water flow of three eastern rivers must be reverted back to Pakistan immediately and IBWT-1960 must be discarded.
2. All the three portions of Pakistan WEPC [13] must be mobilized immediately by International community at all costs through UNO.
3. The flow of water to sea in Africa and Australia must also be obstructed and as far as possible, it should be diverted to irrigation or at least it should be regulated for persistent flow throughout the year for its maximum exposure to evaporation to facilitate slow and frequent precipitation. On some tracks veers may be made to make the water available throughout the year for continuous evaporation and for wildlife. Any possible diversion of water to barren areas must be carried on at priority.
4. Water evaporation at the land in place of its flow to the existing water bodies throughout the world must be promoted.
5. Irrigation must be given priority over the hidro power production wherever one of the two is only possible.

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- [19] <https://www.thenatureofcities.com/2016/11/23/linking-urban-science-and-society-putting-old-wine-in-a-new-bottle/>
- [20] <http://changing-world.org/heatwave-kills-almost-700-in-pakistan>
- [21] [http://www1.lsbu.ac.uk/water/water\\_on\\_earth.html#cycle](http://www1.lsbu.ac.uk/water/water_on_earth.html#cycle)
- [22] [https://en.wikipedia.org/wiki/Atlantic\\_hurricane\\_season](https://en.wikipedia.org/wiki/Atlantic_hurricane_season)
- [23] [https://en.wikipedia.org/wiki/List\\_of\\_costliest\\_Atlantic\\_hurricanes](https://en.wikipedia.org/wiki/List_of_costliest_Atlantic_hurricanes)
- [24] [https://en.wikipedia.org/wiki/List\\_of\\_Atlantic%E2%80%93Pacific\\_crossover\\_hurricanes](https://en.wikipedia.org/wiki/List_of_Atlantic%E2%80%93Pacific_crossover_hurricanes)
- [25] [https://en.wikipedia.org/wiki/List\\_of\\_Atlantic\\_hurricane\\_records#Most\\_intense](https://en.wikipedia.org/wiki/List_of_Atlantic_hurricane_records#Most_intense)

[26] Measuring the Human and Economic Impact of Disasters/Measuring the Human and Economic Impact of Disasters ; Debarati Guha-Sapir 1 and Philippe Hoyois 2 ; 27 November 2012 ; Report produced for the Government Office of Science, Foresight project ‘Reducing Risks of Future Disasters: Priorities for Decision Makers’



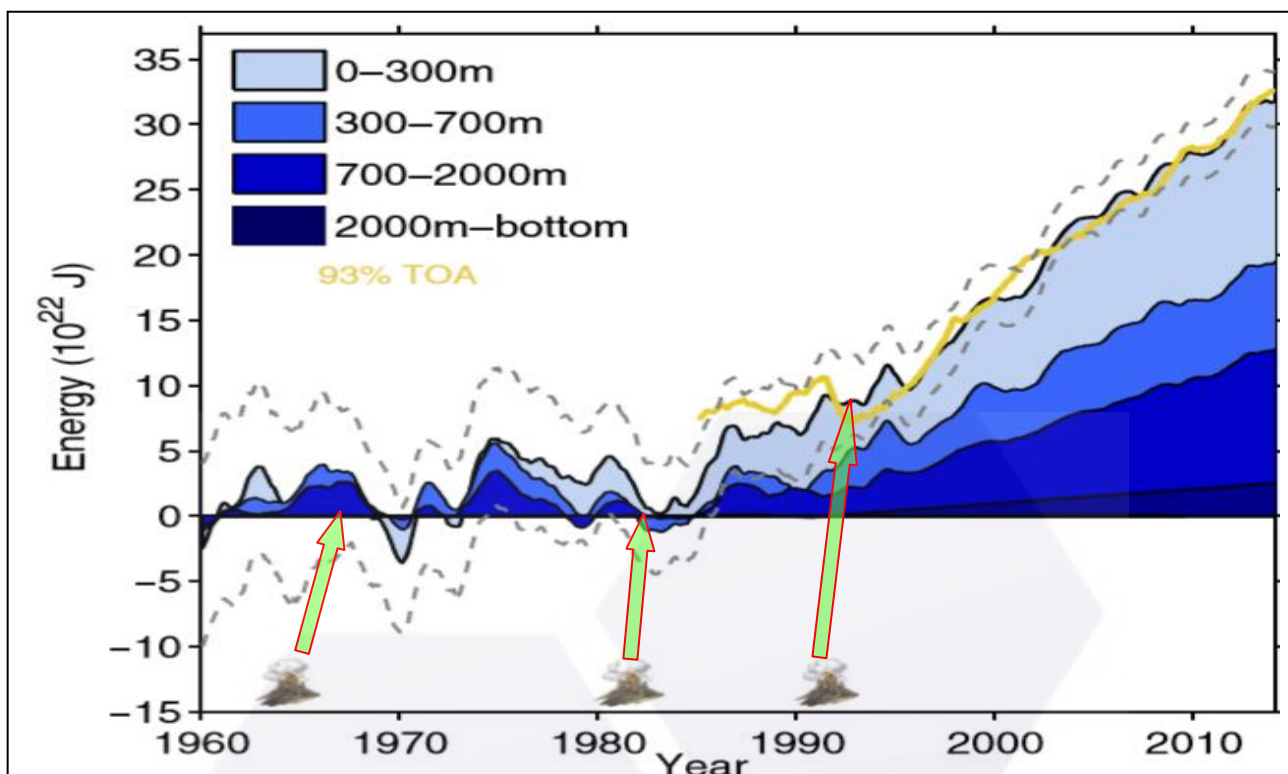


Fig. 1 The graphs above show the Estimate of the ocean energy budget relative to 1958–1962 base period, and is claimed to be more realistic. The three major volcanic eruptions are also shown and their ultimate cooling effect may clearly be observed. The oceanic total heat is 93% of the total Global heat contents or *top-of-atmosphere* (TOA) and only 7% is the total heat energy of land + ice + atmosphere.

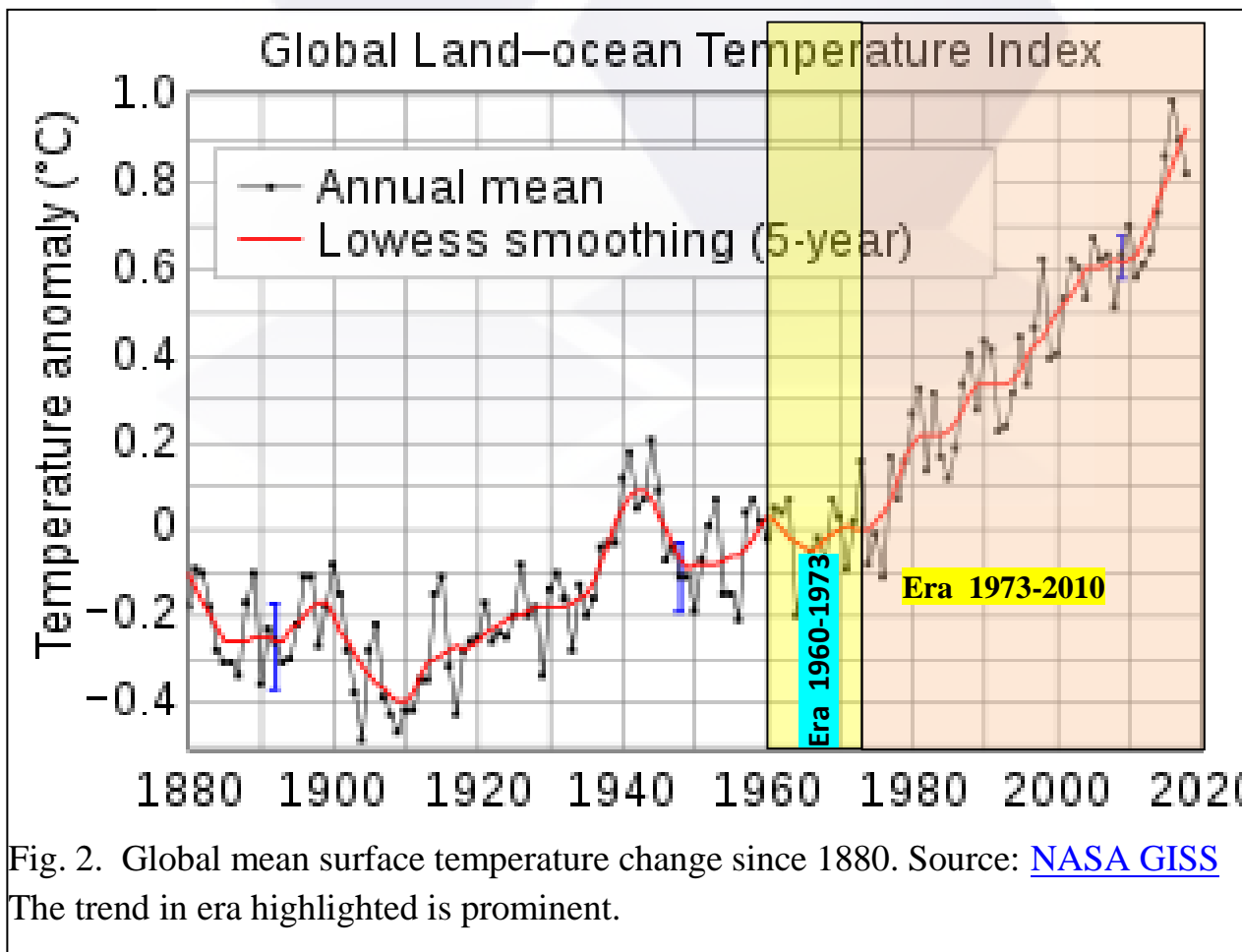


Fig. 2. Global mean surface temperature change since 1880. Source: [NASA GISS](http://www.nasa.gov)  
 The trend in era highlighted is prominent.

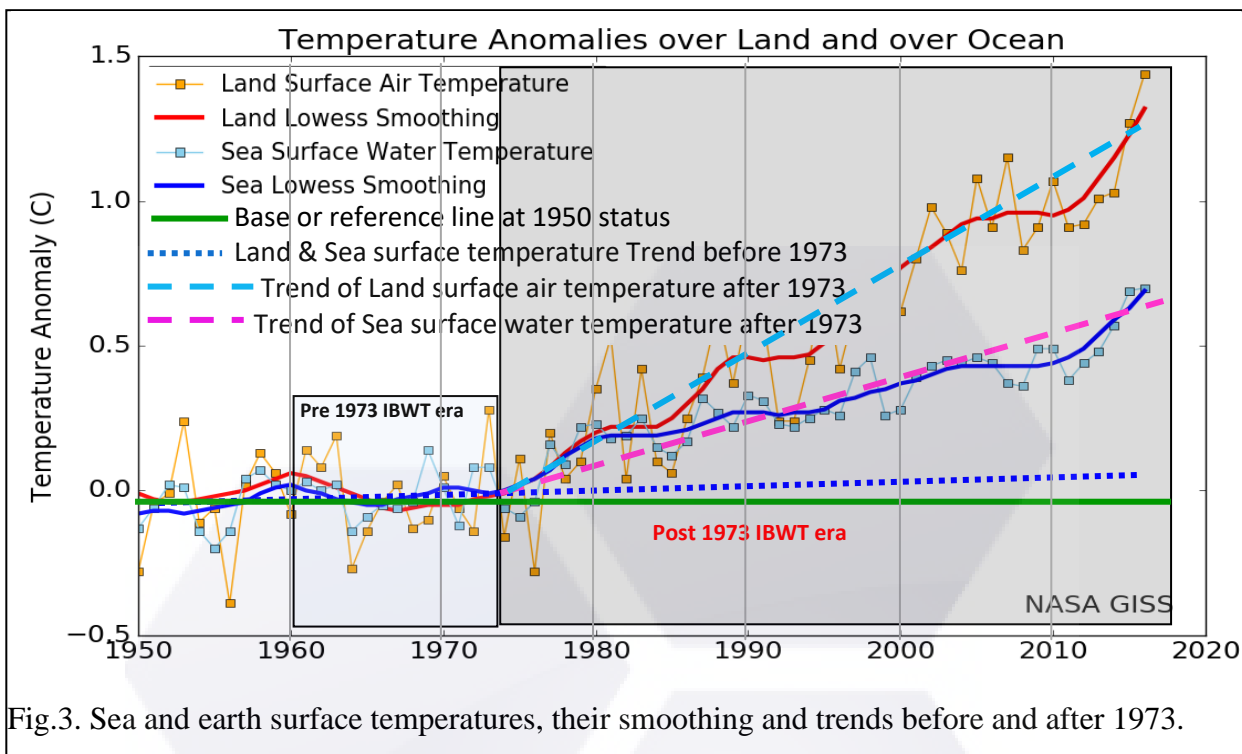


Fig.3. Sea and earth surface temperatures, their smoothing and trends before and after 1973.

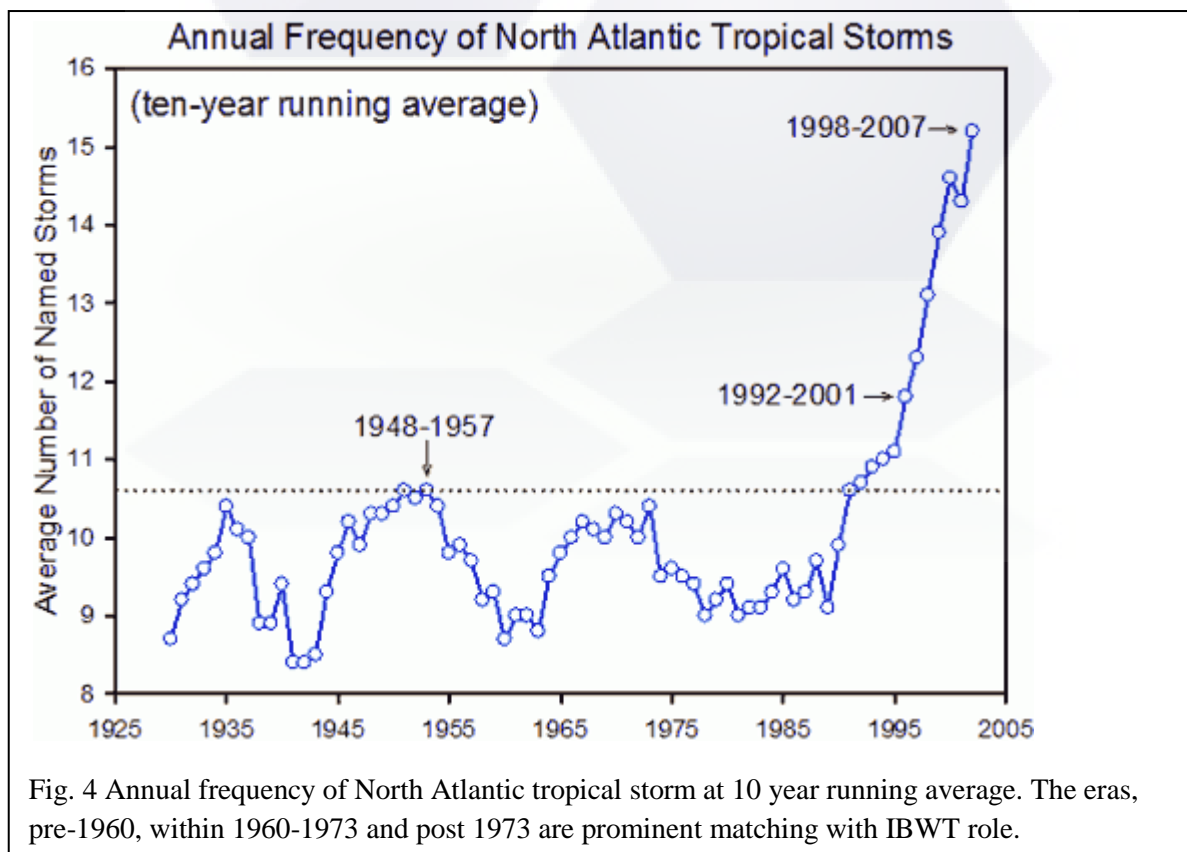


Fig. 4 Annual frequency of North Atlantic tropical storm at 10 year running average. The eras, pre-1960, within 1960-1973 and post 1973 are prominent matching with IBWT role.

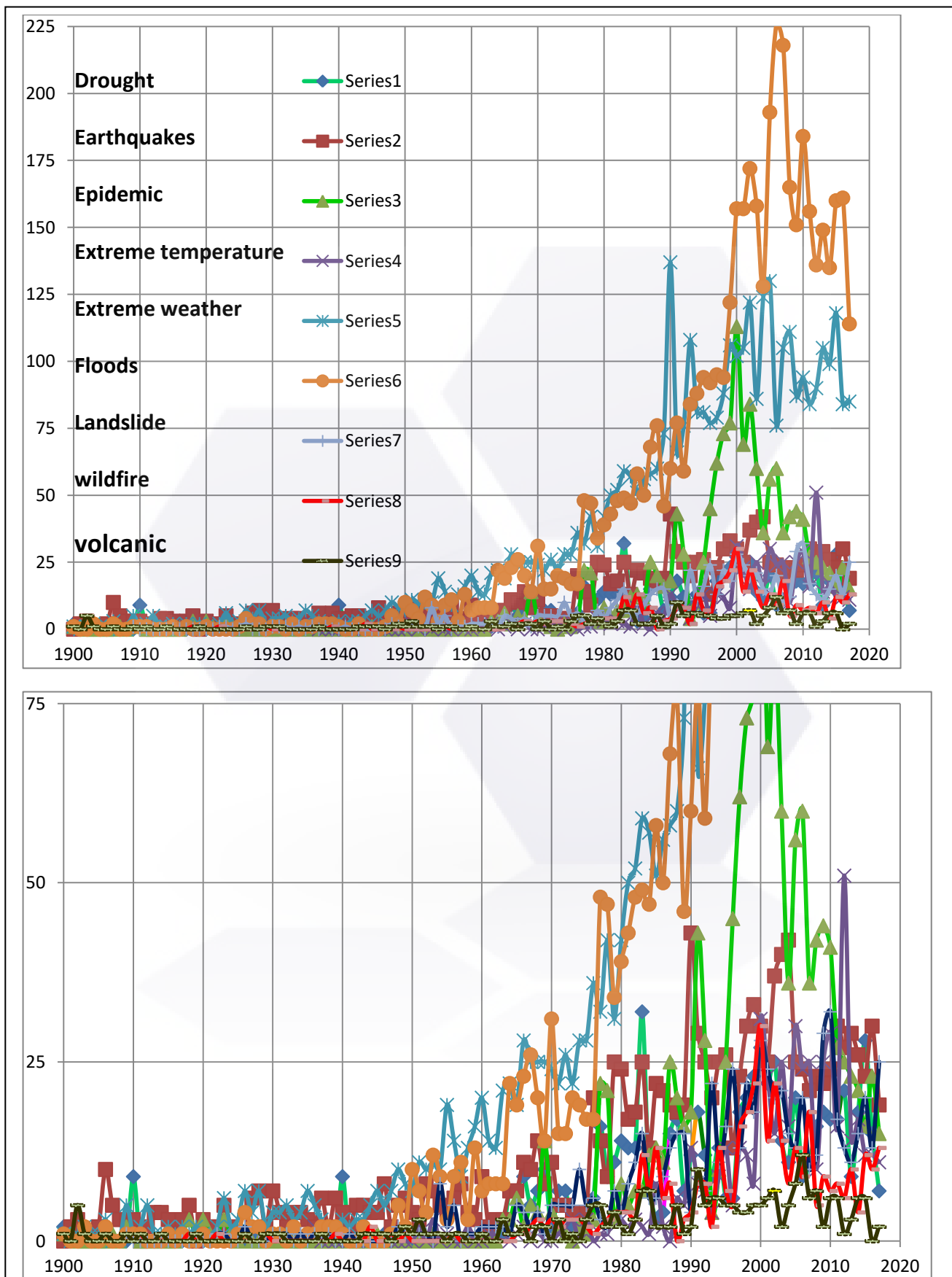
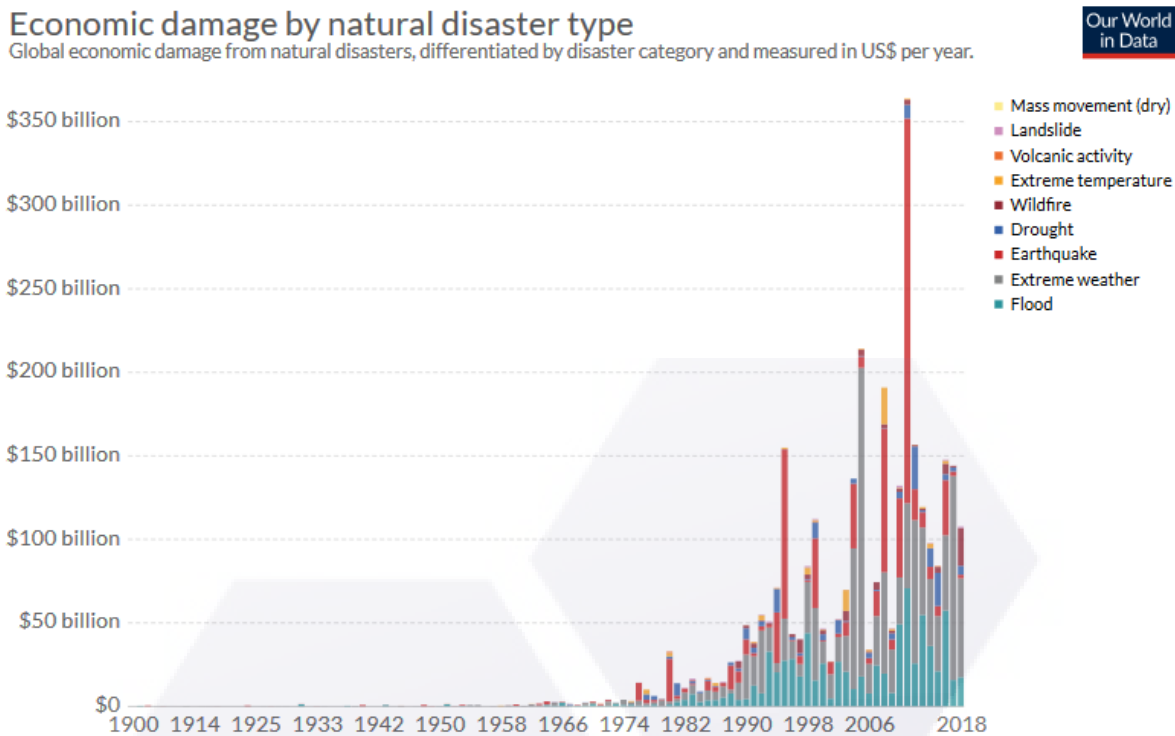
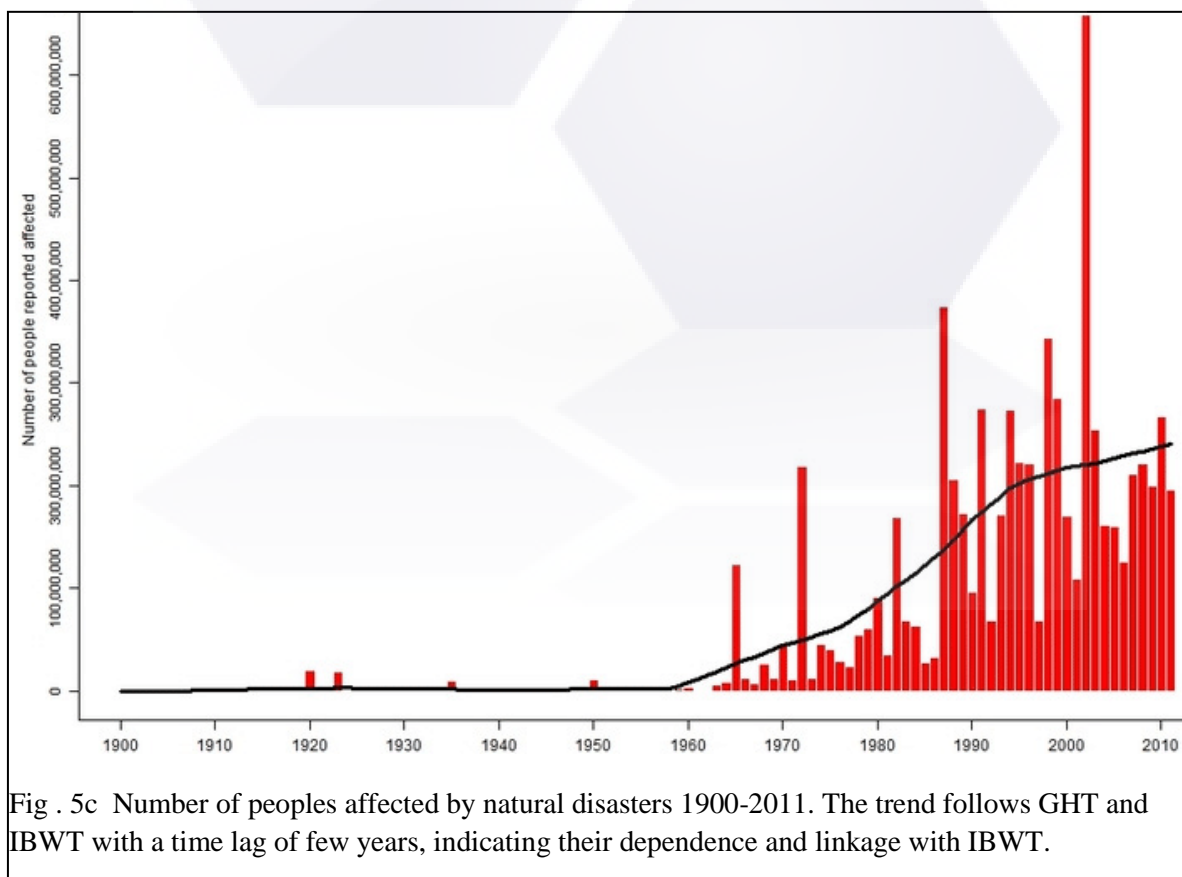


Fig. 5a Variation of various hazards with time, the lower figure with enlarged scale. There variation in trend between 1955-1960, but that between 1960-1873 more prominent, while after 1973 it is enlarged at much higher rate, their buildup matching with the Indus basin Water Treaty operation.



**Fig. 5b Global Economic damages by natural disaster since 1900 to 2018. The trend shows follow up of GHT and IBWT aftermath with time lag of few years showing their dependence.**



**Fig. 5c Number of peoples affected by natural disasters 1900-2011. The trend follows GHT and IBWT with a time lag of few years, indicating their dependence and linkage with IBWT.**



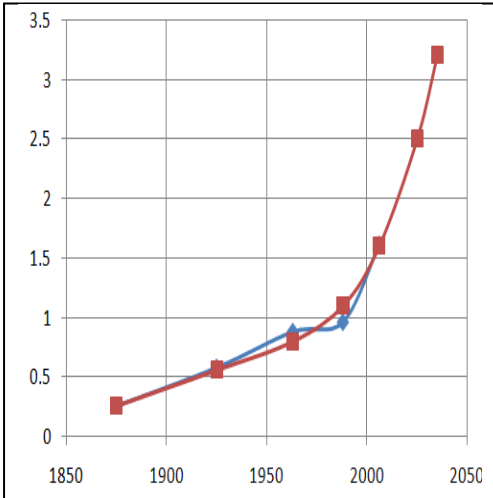


Fig. 6a The graphs show the rise in frequency of hurricanes over Atlantic and South Eastern states of USA (observed; estimated). The frequency rise may revert to huge increase in intensity or the ruthlessness of the storms and hurricanes etc and actually this is of deep concern.

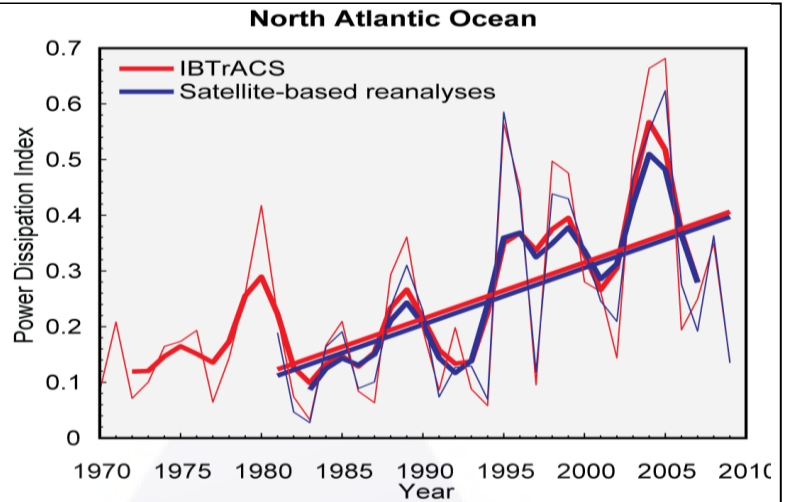


Fig. 6b Recent variations of the Power Dissipation Index (PDI) in the North Atlantic Ocean. PDI is an aggregate of storm intensity, frequency, and duration and provides a measure of total hurricane power over a hurricane season. There is a strong upward trend in Atlantic PDI which is well-supported by the reanalysis. Separate analyses (not shown) indicate a significant increase in the strength and in the number of the strongest hurricanes (Category 4 and 5) in the North Atlantic over this same time period. The PDI is calculated from historical data (IBTrACS) and from reanalysis using satellite data (UW/NCDC & ADT-HURSAT<sup>2</sup>). IBTrACS is the International Best Track Archive for Climate Stewardship, UW/NCDC is the University of Wisconsin/NOAA National Climatic Data Center satellite-derived hurricane intensity dataset, and ADT-HURSAT is the Advanced Dvorak Technique–Hurricane Satellite dataset (Figure source: adapted from Kossin et al. 2007). [8]

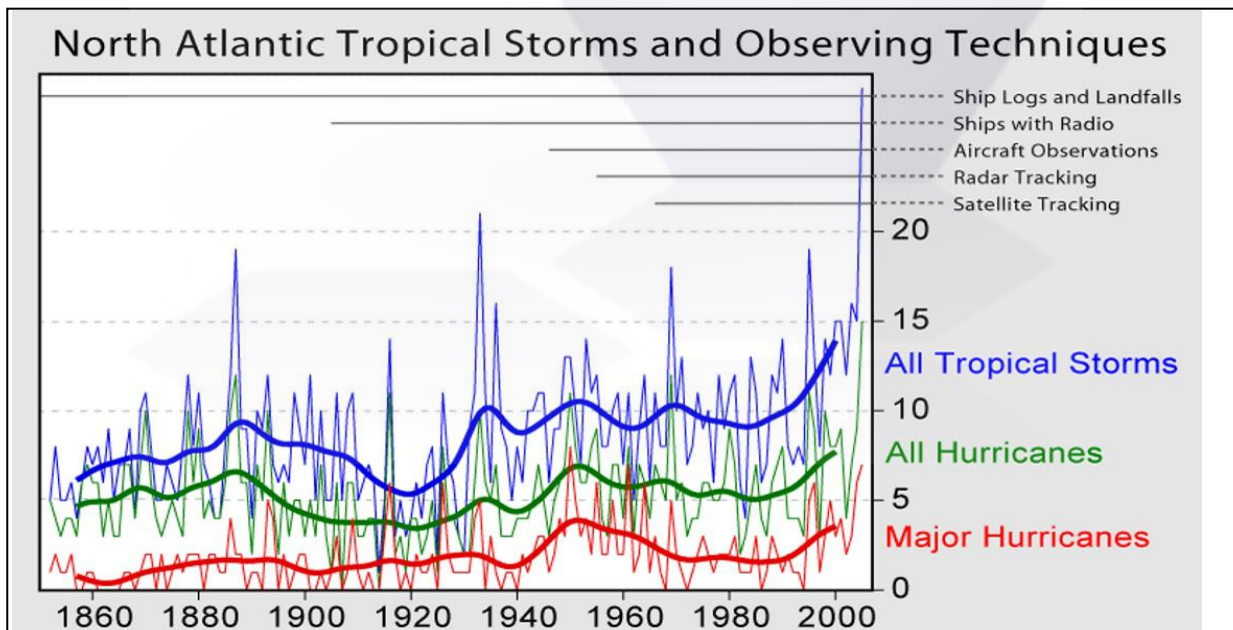


Fig. 6c. Evolution of tropical storms (in blue), hurricanes (in green) and major hurricanes (category 3) (in red), in the North Atlantic. The scientific consensus in the 2007 IPCC report is that the intensity of tropical cyclones is likely to increase (with a probability greater than 66%). A study published in 2005, not confirmed by a second study, indicated an overall increase in the intensity of cyclones between 1970 and 2004, with the total number of cyclones decreasing during the same period. [9]

### Tracks of Tropical Cyclones from 1842 to 2013 [1940x851]

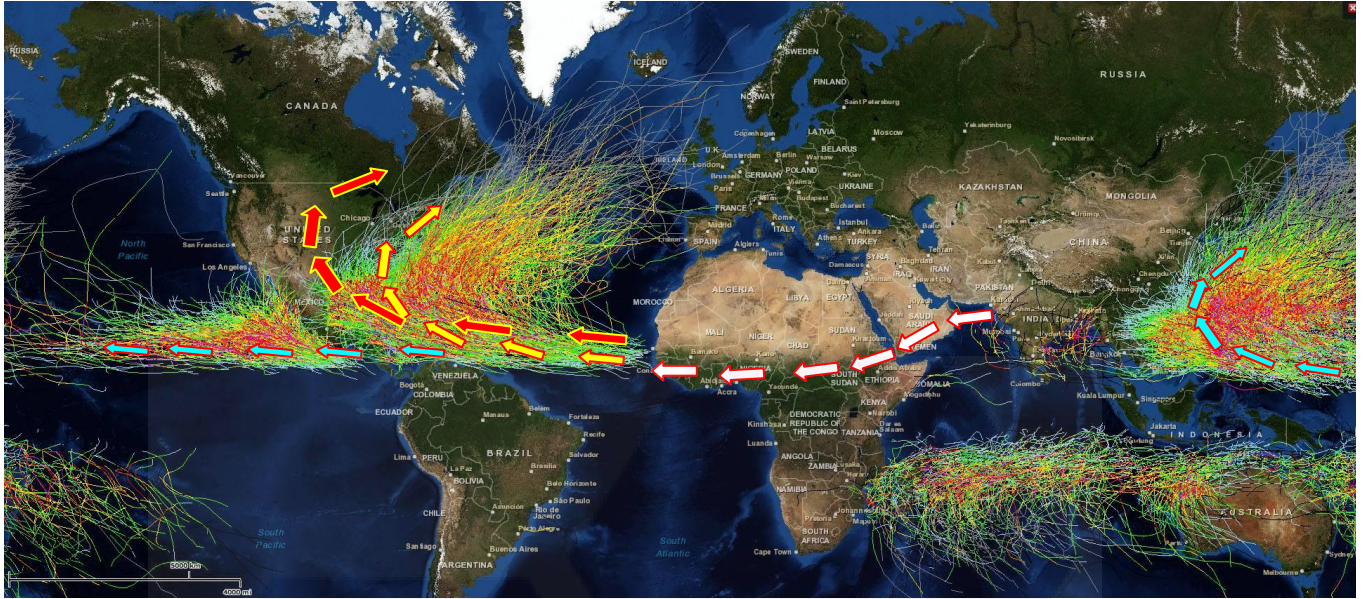


Fig. 7 Tracks of various hurricanes groups, Atlantic, pacific and Indian Oceans. The North Atlantic group shows its initiation at African western coast as old paradigm. Yellow arrows show the known fact, while white arrows its most important hidden track with their source in India and Pakistan. Indus basin Treaty not only has role in north Atlantic, but it also has transcontinental role in cross over to Pacific and North Western Pacific hurricanes tribes as their continuation is shown above. The yellow track of NAH may shift to track shown red, hitting central and northern states of USA. [10]

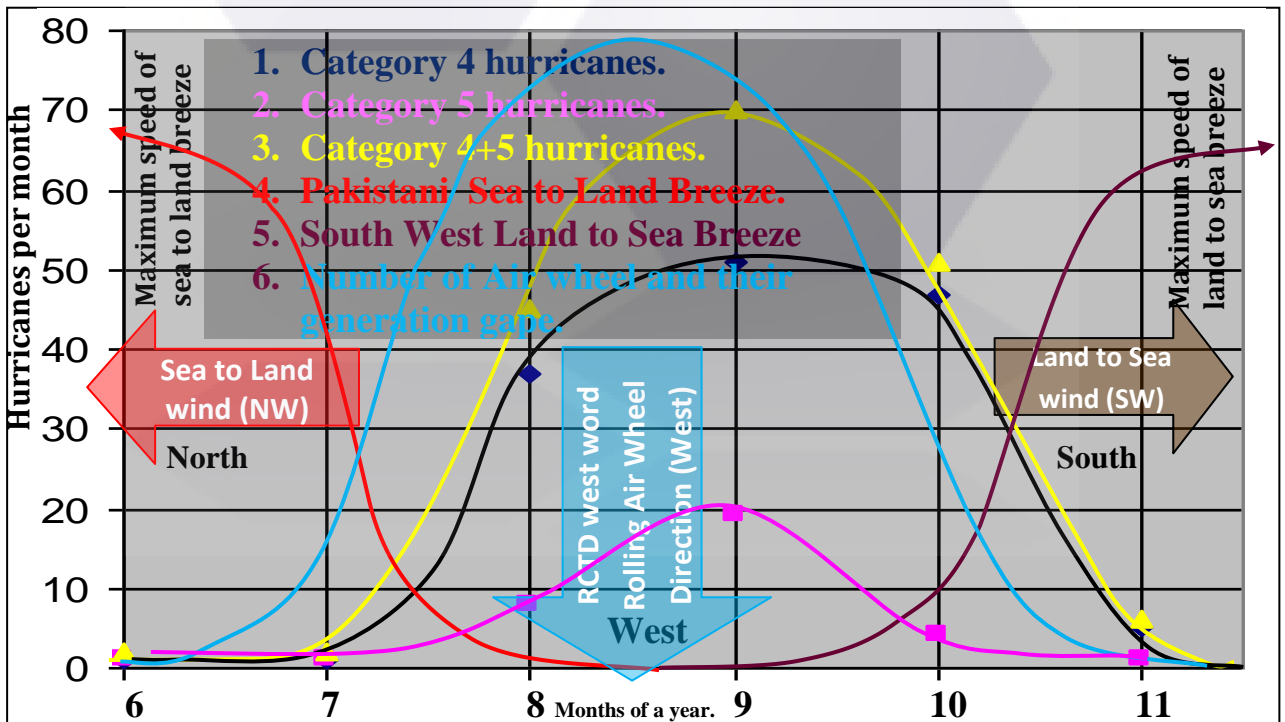


Fig. 8 The above 3 graphs(blue, pink & yellow) show the month wise number of Category 4, 5 & total of 4 & 5 Category 4, 5 (in the 3 month months, August, September and October)over Atlantic and South Eastern States of USA. The Red graph show the sea to land wind drops after about 15<sup>th</sup> July and then the land to sea wind (chocolate color graph) gains speed after 15<sup>th</sup> October. The gap of 3 month in between the two is the gateway for air wheels of Rajasthan, Chulistan and Thar deserts responsible for pumping the Global Heat to Space, if blended with water vapors in Southern Pakistan and hence squeeze the intensity, frequency and ruthlessness of USA bound storms and Hurricanes. Data of Category 4, 5 Category 4, 5 is from reference [16 and 17].

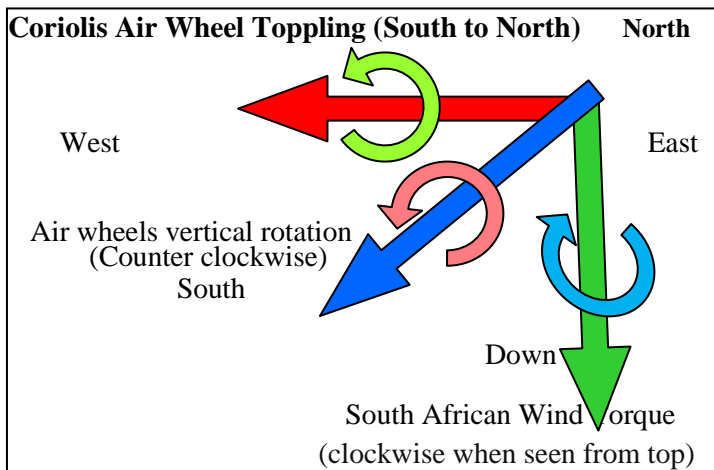


Fig. 9 North ward toppling of vertical air wheels by the torque of South African coastal wind thrust.

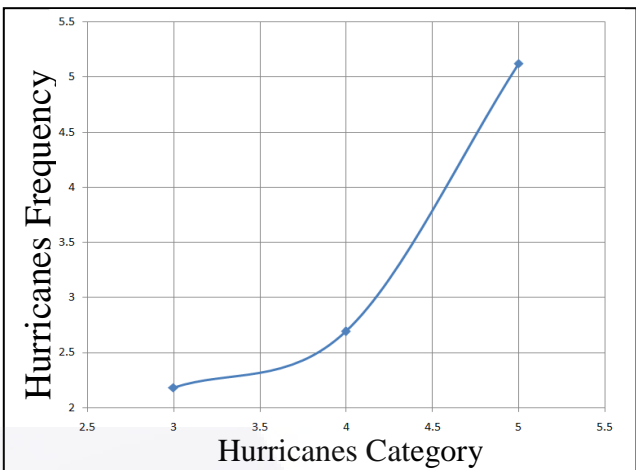


Fig. 10 Growth of Hurricanes Frequency after 1960 relative to the era before it versus hurricanes category.

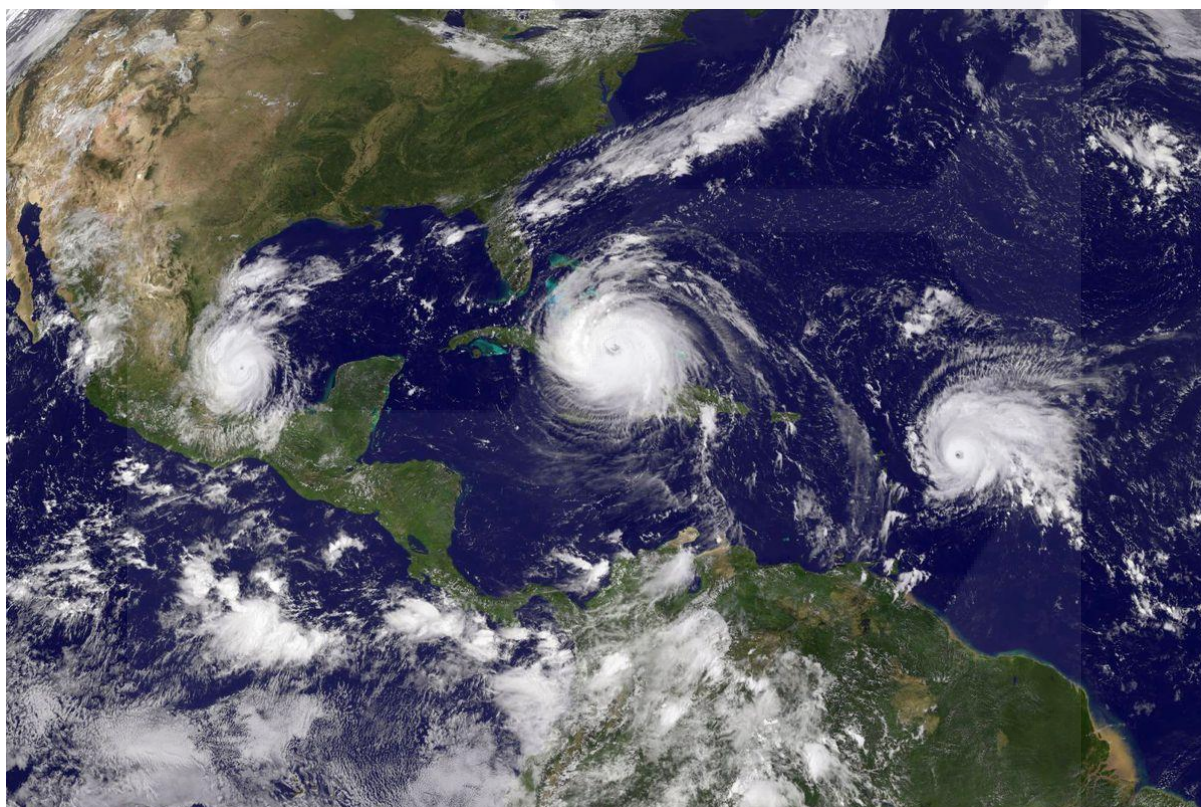


Fig. 11 NOAA's GOES satellite shows three storms in the Atlantic: Hurricane Irma, Tropical Storm Jose, and Tropical Storm Katia, on September 8th. Photo by NASA/NOAA GOES Project via Getty Images.[14]

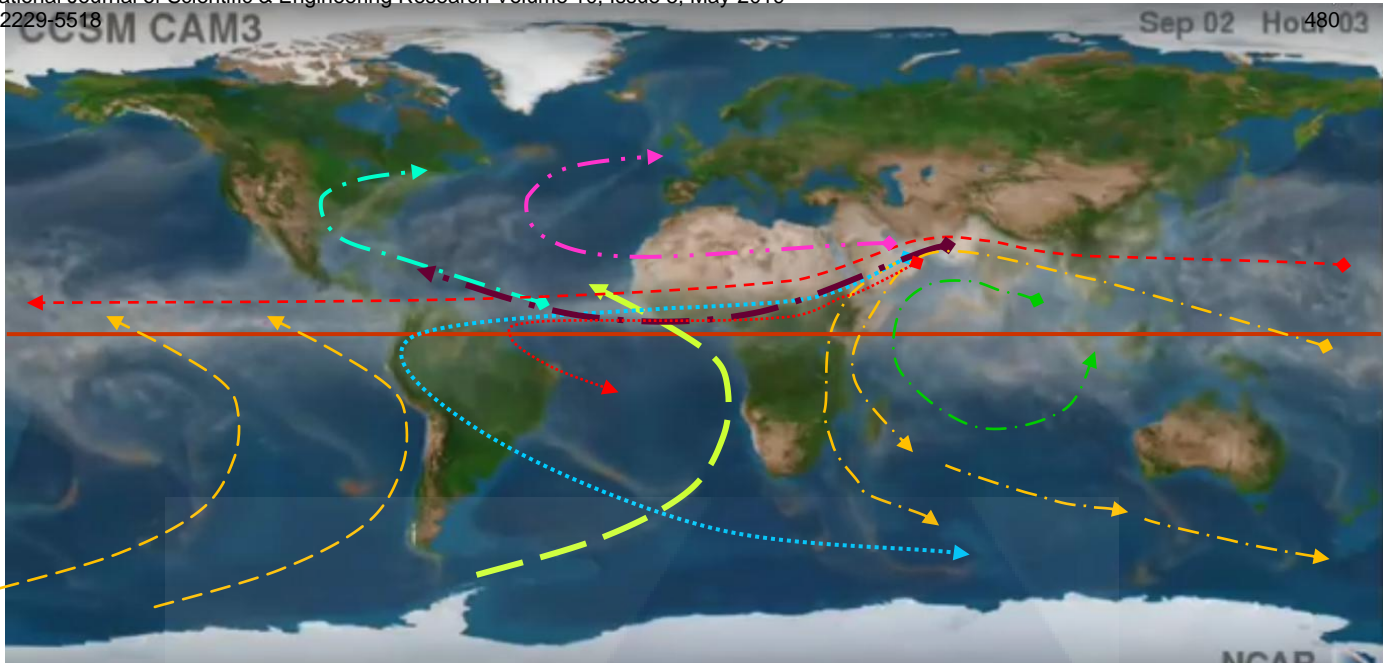


Fig. 12. Global circulation status on 02 September showing Global atmospheric flow with Pakistan’s southern area as the centre of main activity of global flow at monsoon end boasted by India, particularly by the heat and temperature of its Rajasthan, Chulistan and Thar deserts. Green movement heating the Indian ocean; yellow heating Indian Ocean and then southern Oceans; Northern Atlantic heated by red (dots and dashes), cyan, dark chocolate, & Pink; North Pacific by red(dashed); USA and Caribbean countries facing severe storms and hurricanes shown by dark chocolate initiated at Indian heated ground as westward rolling air wheels, grownup in Africa by further heat collection, equipped with water vapors and toppled by Southern wind (green yellow) to anticlockwise hurricane, tornados, storms at the eastern Part of Atlantic all in colorless operation (dark chocolate) and then in attack shown by Dark turquoise color; Europe hit by Pink movement. [15]

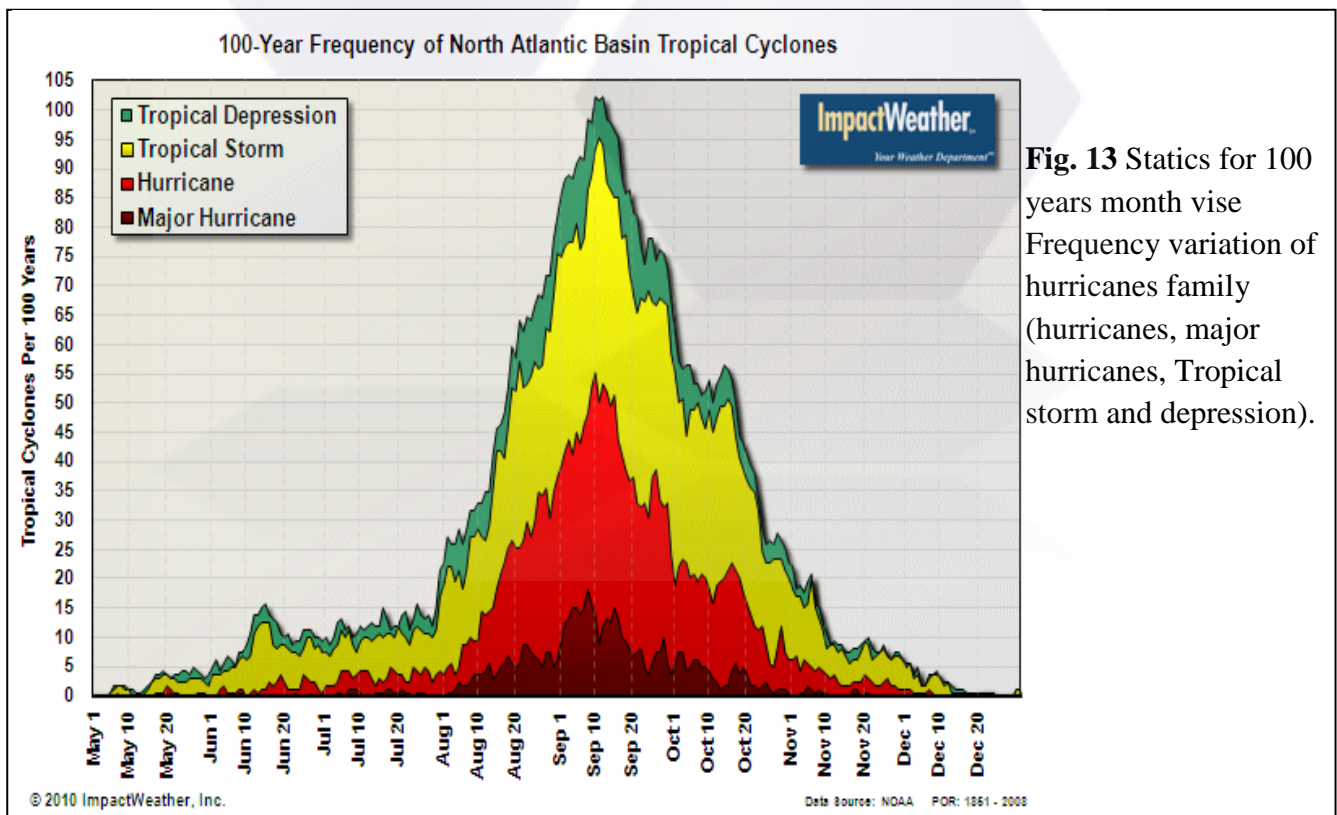


Fig. 13 Statics for 100 years month wise Frequency variation of hurricanes family (hurricanes, major hurricanes, Tropical storm and depression).

