

Indian Water Aggression or Genocidal War?

(08 March 12)

Outline of talk / presentation on 08 March 2012 at Nazaria-e-Pakistan.

Introduction to measuring water. The talk / presentation will include reference to MAF & Cubic Kilometer. Both are main units. The units of flow are cusecs (cubic feet/second) and cumecs in the metric system. MAF is simply one million acres covered by one foot of water. Roughly speaking if you multiply by 1.2 the figure is converted to cubic kilometers. Even one cubic meter of water is no small measure. It is a thousand liters and weighs a ton. Incidentally a hectare (ha) of land area is 2.5 acres. There are 10,000 sq.m in a ha. A 100 ha in a sq.km. A continuous flow of 1381 c/s for one full year conveys ONE MAF or about 1.2 Cubic Kilometer.

A. Water scarcity & hydrologic scenario.

A 65 years history of water aggression by India the upper riparian is genocide in slow motion. Pakistan's surface flows in the Indus Basin System average 145MAF annually. Not included are the western nullahs / streams that flow basically during monsoons and can average 05 to 10 MAF depending on the wet or dry cycles. Water mined from underground aquifers which is around 40MAF annually is proving to be not a real renewable resource. There is negligible rain water harvesting in the Northern zones of Pakistan. The South including Baluchistan is semi arid / desert. In comparison the Indian Federation although very secretive about its water data is reportedly having an annual surface flows of 750 MAF in its main rivers. The figures for aquifer mining are not available. Since most of Northern, Central, Eastern & Southern India is blessed with extensive precipitation they have developed sophisticated rain harvesting methods. Practiced in the entire Northern rim highland states as well as South India where they refer to it as "tank irrigation". It is a fallacy that Pakistan per capita water availability is close to the Indian average. I estimate this may have been close to the truth in 1947 but the situation has deteriorated drastically for Pakistan. It is now close to one third of the Indian average. This average is dramatically reduced for the end user when we consider the net availability from the reservoirs. Pak reservoirs have 8% storage capacity of their surface flows India is close to achieving 40% of its declared surface flows. My personal experience at the Closed door Conference on Kashmir Waters in New Delhi during July 2010 confirmed the views of Pak elders including Engr. B. A. Malik, Engr. Ch. Mazhar Ali and late Syed Salar Kirmani. Pakistan has lost or given away or simply been cheated of its water rights every time there has been a face-off with the Indians. Perhaps the Indians worship a water god while we have been historically callous. The Indians want an IWT – 2 as they have the network to support them. We need to finally wake up.

B. Indian Water Aggression (IWA). Surely the Indians influenced a section of our bureaucracy through their clearly identified agents. This ongoing tragedy cannot be reversed without a gigantic step. Firstly the **realization** that we have as a nation been the victim of a massive conspiracy with respect to our hydro endowment & in tandem the attrition of our irrigated agricultural capability. The military occupation of Kashmir was the start of the Indian Water Aggression strategy in connivance & with full support of the imperial power. In brief the IWA strategy was not fully comprehended by our intelligentsia and the issue was & remains clouded by religious over tones. Mr. Mohammad Ali Jinnah's warning was not understood just as the nation ignored his caution note on the activities of the fifth column. Secondly the **periodic stage wise** progress of the IWA strategy. The period 1946 – 1960 was consolidation of the military occupation of Jammu & Kashmir as well as the implementation of the inhuman &

unprecedented policy of taking the entire flow of the three Punjab Rivers (Ravi, Beas & Sutlej). The Indus Waters Treaty (IWT) signed on 19 Sep 1960 was a terrible tragedy for West Punjab & the nation in general. Of the 33MAF average annual flows the historic share of West Punjab was 27MAF which reduced to about 26MAF at the time of the treaty. Effectively Pakistan had lost close to 20% of its surface flows till eternity. Mr. G. Mueenuddin Pakistan's head of the Indus Waters Delegation was no match for India's hydro expert Mr. N. D. Gauhati. A reading of Engr. B. A. Malik's Indus Waters Treaty in Retrospect (IWTR) published in 2005 is an accurate account of the genesis of this cruel treaty. The Indians knew and have now proved that Pakistan is in no position to violate the IWT 1960. As the lower riparian Pakistan was expected to "beg for water" using the exact statement of the Indian establishment when they shut off the Lahore canal using the Madhopur Headworks on the Ravi and the Depalpur canal using the Ferozepur Headworks on the Sutlej. There is no logical phenomenon whereby Pakistan can transgress & cheat under the IWT 1960. The period 1960 to 1971 was spent in the Indian obsession to trash "the two nation theory" and their conspiratorial role became clear when their military forces joined the civilian uprising in former East Pakistan. The Indians have orchestrated the anti KBD movement since then culminating in several so called democratic interventions by their agents & friends. Prof. John Briscoe's thesis "War or Peace on the Indus" based on his book "Pakistan's Water Economy Running Dry" confirms all the apprehensions of Mr. David Lillienthal's report of Aug 51 prepared on the instructions of President Truman.

Quote: "Why the flow of the Punjab's lifeblood was so carelessly handled in the partition no one seems to know. Pakistan includes some of the most productive food-growing lands in the world in western Punjab (the Kipling country) and the Sind. But without **water for irrigation** this would be desert. 20,000,000 acres would dry up in a week, tens of millions would starve. No army, with bombs and shellfire, could devastate a land as thoroughly as Pakistan could be devastated by the simple expedient of India's permanently shutting off the sources of water that keep the fields and the people of Pakistan alive".....

"The partition gave the major part of the irrigated lands of the Punjab and Sind to Pakistan; but the headwaters of some of the largest irrigation canals that feed Pakistan were left with India or Kashmir. All the rivers upon which Pakistan depends for life originate in India or Kashmir. **Two thirds of the entire water supply originates in Kashmir where the snow-fed Indus rises**". **Unquote**

- C. Strategizing water issues & a possible response.** The tools at Pakistan's disposal are woefully inadequate. Every encounter on the hydro front has ended in defeat. Yes there were technical retreats by the upper riparian but in good time they succeeded to either steal our endowment or block our progress on the irrigation assets. I calculate they have inflicted an economic loss of over a trillion USD equivalent by blocking Pakistan's mega dams & its tributaries after 1974. Today the KBD project, acknowledged by world experts as the best hydro project site in Asia and probably in the world stands blocked while the Pak nation is told that the "consensus" is required. The upstream Diamer Basha Dam (DBD) is redesigned as a virtual alternate to KBD and in the process becomes an extremely dangerous and unsafe structure. The belligerents expect that this would be a double blow to Pakistan's economy and in fact make its existence highly precarious. A light RCC dam structure with an unprecedented 271 meters height storing water behind a dam crest level of 1160 meters asl. Can anyone imagine the destructive force of over 10 Cubic Kilometers of water hurtling down from nearly 3,900 ft altitude? Late Dr. Butt has described this doomsday scenario in his 2004 letters to General Musharraf. Is

anyone listening? The 8 Oct 2005 earthquake in the Northern Areas & the 12 May 2008 reservoir induced earthquake in Sichuan cannot be forgotten. Has anyone ever opposed or even identified the Machiavellian tactics employed by the Indians in creating the historical nexus between the World Bank's Kashmir policy & our Northern Areas?

D. The Indian ICID menace & the consortium of traitors. There is no answer to the Indian ICID and here lies the administrative fault line in Pakistan. Punjab since a few years has been excluded from the Indus Waters Treaty issues although they are the most affected by Indian transgressions. IRSA may not be controlled by one province. Both TP & CJ link canals are vital for South Punjab share. Above all an organization has to be created overnight to understand, analyze and respond to the Indian transgressions in IHK. Internally this organization must be able to educate the people of Pakistan about the hydro truths. The deliberate & treacherous mis-interpretations of IWT 1960 cannot be allowed. The Indians desire for an IWT-2 is not acceptable. An overdue fight back must start since the dangers to Pakistan's existence are clearly appreciated. Here are the recent Indian moves and the deadly signals from Pakistan's consortium of traitors.

- i) India presses ahead with its 129 HPP & Reservoirs projects in IHK. At least 42 on the three Western rivers and their tributaries are already in operation. Another 14 are under construction & 115 in advanced stages of planning & design.
- ii) Why does India build dams when low-level rivers & tunnels could be more suitable for run-of-river (ROR) power stations? The sediment problem would also be solved.
- iii) India accelerates its activities in IHK. The shifting of the spillway allowed the Indian manipulative storage at Baghliar I to be 164,000AF instead 60,000AF which is a gross violation of Annex C.
- iv) IRSA working is completely disturbed and now controlled by Mr. Kamal Majidullah. Earlier Gen. Musharraf had allowed that the 5th member will also be from Sindh. Later he ordered that the IRSA Chairman will always be from Sindh.
- v) Punjab is now excluded from all Treaty Matters. Mr. Kamal Majidullah a lawyer friend of the President is leading this campaign against Punjab.
- vi) Today Punjab is told that Indus that Indus river is only for Sindh. They do not permit operation of the CJ & TP link canals during the critical months from April to June (Kharif period). Also between October to March. When a Baluchistan member supported Punjab on (13 Feb 10) his services were terminated. Ex-Senator Marvi Memon daughter of Nisar Memon also opposed the CJ operation (tail-end) at the outfall into Jhelum during her senate committee tenure.
- vii) Also the Indus Commissioner has to tour the entire Indus Basin every five years. It seems that the GoP is no longer interested for such joint visits to protect its interest.
- viii) The consortium of traitors disregards the violation of Annexure C para (9), Annexure D para 15 (iii) & Annexure E para (10). India has also made a joke of Article III. However no one complains about the Hudiara drain & other nallahs under Article IV.

Pakistan Painabad.

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