

Call of an ailing planet

The fact that we face an ecological crisis without any precedent in historic times is no longer a matter of dispute. In that perspective, the role of leadership is critical in spreading awareness, in achieving solutions and in projecting a vision of the future we want to create as well as a vision of the nightmare we wish to avoid, writes Md. Asadullah Khan

IN the backdrop of the observance of Earth Day on April 22 every year since 1989, response from world leaders except a few like American Vice-President Albert Gore, now seeking US presidency, and some European leaders, has been extremely subdued. As Al Gore also characterised as early as in 1989, the greenhouse effect, the depletion of the ozone layer and the global ecological crisis have been recognised as the most serious issues facing all of us. Unfortunately, world leaders were afraid of talking uncertainty about the greenhouse effect and dire nature of the ecological crisis we face, just as excuses for inaction. In a situation when strong responses are needed, the natural psychological tendency is to magnify the uncertainty and say, "well, may be we won't really have to face up to it". But the fact that we face an ecological crisis without any precedent in historic times is no longer a matter of dispute.

The barrier still is lack of political action and with it comes an unwillingness to believe that something so far outside the bounds of historical experience can, in fact, be occurring. In a sense people have started assuming that it can't be real. People have also started assuming that it will be easier and more sensible to adapt to whatever climate change occurs than it will be to prevent the crisis. But ironically, the changes are taking place so fast that adaptation will be all but impossible. Another barrier to concrete action is the lack of widespread awareness among the peoples of the world about the nature of the problem. Most political leaders, let alone the general masses, either in our country or elsewhere, are mostly unaware of what is happening and how severe it is. The biggest barrier to action is the knowledge that many of the ultimate solutions are almost unimaginably difficult. And since they are harder than anything people have either conceived or done before, efforts of any type or nature may all come to naught anyway.

These barriers must be overcome. In that perspective, the role of leadership is critical in spreading awareness, in achieving solutions and in projecting a vision of the future we want to create as well as a vision of the nightmare we wish to avoid.

Since 1989 "Earth Day

Summit" environmentalists sounded a grim warning for this planet listing it as endangered and alerting people around the world to the wide range of environmental problems that were just beginning to grab the attention of people. Encouragingly, in 1992 Rio de Janeiro Earth Summit, world leaders pledged governmental funds and support for efforts to save the planet. But the progress achieved in governmental front in different countries is hardly anything worth the name. Rather in most countries private companies are taking the initiative in developing technological solutions to the planet's maladies. People are now going to have fuel-efficient, low-pollution car, etc. Great breakthroughs are being made on solar energy. Agricultural scientists are now convinced that with the advent of genetic modification of plants and seeds, they can now feed double the world's current populations. Most encouragingly, the recycling business is doing better than it was some years ago.

More so, since 1990 people in different global festival or rallies and workshops have raised their voices to publicise the plight of an ailing planet and heads of state pledged to take action to ward off problems such as global warming and destruction of wild life. Some more steps could help preserve the environment. Environmentalists have suggested that in the absence of higher gasoline taxes, which seems to be an anathema in the US although the US is the primary producer of CO₂ (carbon dioxide), setting strict fuel efficiency requirements for new cars is an alternative route to conservation. The US produces 21 per cent of the world's carbon dioxide, while China with 4.5 times as many people generates 11 per cent. The technological advancement has reached so far as to boost the average mileage achieved by US cars from 26.5 mpg to 45 mpg by 2000.

The next step is to launch mammoth international tree planting programme now initiated by industrial giants like Union Carbide, which promised to plant half a million trees by 2000 as well as the leaders of the US and Australia who have promised a billion trees each.

Banning CFC production completely: While relatively little headway has been made to-



Dating with disaster
We are not just felling trees, we are actually endangering our own existence

ward putting international treaties like Montreal Protocol 1987, which pledged a 50 per cent reduction in production of ozone destroying chlorofluorocarbons by 1999, into effect, encouraging individual countries and states and cities within them and some manufacturing companies have been moving forward taking their own action and setting their own standards. Entrepreneurs and companies large and small around the world are busy developing clean technologies of the future. Assuringly, plastic foam manufacturers in the US stopped using CFCs in their products and Vermont has decreed that the chemicals must be eliminated from auto air-conditioners in new cars to be

sold in the state henceforth. Major CFC suppliers like Du Pont have developed substitutes that are much less harmful to the ozone.

Banning export of waste: The next step is to be taken in line with the Basel convention governing international shipment of waste. The document does not propose to ban waste exports altogether, but it would impose tight restrictions. No waste could cross national lines unless adequate environmental precautions were taken and the government of the importing nation gave its approval.

Over population: Underlying almost every environmental ill is the relentless growth of the human population. By the year

2050, the globe will have to accommodate 10 billion people, 4 billion more than today. Failure to check birth rate could undermine efforts on every other front. If per capita carbon dioxide emissions are reduced by 10 per cent, for example, a 10 per cent population increase would virtually wipe out the improvement. The issue was tabled in UN convened population summit in Cairo.

Despite protests from different orthodox religious groups, which argued that the conference agenda was promoting abortion and artificial birth control, the delegates reached a surprisingly strong consensus that women should be given great control over reproduction and better access to family

planning services. The conference agenda called on governments to pledge USD 17 billion annually to the cause of slowing population growth.

Destruction of wildlife: The second convention in Rio signed a declaration to stem the loss of bio-diversity, the irreplaceable variety of animal and plant life around the globe. Every year 20,000 species become extinct, largely because humanity is destroying their habitats. As many as 17 million hectares of tropical rain forest are destroyed every year. The agreement calls on countries to identify endangered species and preserve the places where they live. Plausibly it is true that developing nations would feel inclined to protect forests and other wild areas if they have a financial incentive to do so. It was also stipulated in the Rio convention that when a company would go for manufacturing a medicine or other commercial product out of ingredients from a rare plant or animal, it should share the proceeds with the nation where the discovery was made. But shockingly, the convention does nothing to stop the inexorable advance of logging companies, settlers and land speculators who are chopping down or torching tropical forests before all their biological treasures are discovered. What is needed is to develop local organisations and educational programmes to impress upon people the value of nature's genetic diversity.

These programmes have been slow in getting started. Encouragingly, in at least one important region, there has been some progress. The island of Madagascar is home to a stunning array of animal, plant

and fish species, most found nowhere else in the world. Under intense pressure from a burgeoning population, the island is already largely deforested. But conservationists and other world wild life preservation officials, making personal visits to more than 100 villages surrounding the Rauhafona primal rain forest, have taught indigenous people about the region's genetic diversity and shown them the way to survive without plundering the forest.

In Bangladesh ecological damage has gone on a scale never imagined before. The Sunderbans, covering an area of 10,000 square kilometres making it the largest block of mangrove ecosystem that exists in the world today, has been reduced to almost half of what it

was even 150 years ago. Overfishing and over-exploitation of plant and wild life are putting increasing amounts of stress on the viability of this delicate ecosystem. Reports have it that as many as six mammal species indigenous to the Sunderbans have become extinct and over 46 wildlife species have been listed as endangered and over them the Royal Bengal Tiger.

Acknowledging the necessity to preserve this intricate ecosystem upon persuasion from the government of Bangladesh, UNESCO has recently declared the Sunderbans as a World Heritage Site as undertaking the responsibility for its preservation. The USD 82 million worth extensive Sunderbans Bio-diversity Conservation Project to be financed by a loan from the Asian Development Bank (ADB) will go a long way in conserving this natural heritage so vitally needed to ward-off climatic disruptions and ecological disturbances that result from its present fragile system. Its unique flora and fauna and genetic diversity are an important gene pool for mankind like many of the tropical forests elsewhere in the world. Its role as a CO₂ (carbon dioxide) sink and a resource bank for maintaining climatic balance is well known. As it is seen now, starting from Bangladesh to elsewhere, the world's flora and fauna are paying the price of humanity's population growth. The levy may be acceptable to those who put immediate human concerns above all else. But it should be borne in mind that we are destroying part of the creation, thereby depriving all future generations of what we ourselves were bequeathed.

are substances originally extracted from plants, animals, fungi and micro-organisms. Aspirin, for example, the most widely used medicine in the world was derived from salicylic acid, which in turn was discovered in a species of meadowweet.

Only a minute fraction of the species or organisms probably less than one per cent have been examined for natural products that might serve as medicines. There is a critical need to press the search in case of antibiotics and anti-malarial agents. In Bangladesh, no scientific study has been done on an array of vast plant and animal species in the Sunderbans. The substances most commonly used today are growing less effective, as the disease organisms acquire genetic resistance to the drugs. The bacterium staphylococcus, for example, has recently re-emerged as a potentially lethal pathogen and the micro-organism that causes pneumonia is growing steadily more dangerous. The age of antibiotics, it has now been speculated, is over. Predictably, medical researchers are now locked in a battle with the rapidly evolving pathogens that they have to turn to a broader array of wild species to discover new weapons of the 21st century medicine.

The conclusion of scientists and conservationists is: the only way to save wild species is to maintain them in their original habitats. Considering the way such habitats are shrinking, the solution will be a daunting task. Many ecosystems have already been lost, others seem doomed. In spite of all these difficulties, there is reason for some optimism.

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Now the value of little things in the natural world has become compellingly clear. Recent experimental studies on whole ecosystems support what ecologists have long suspected: the more species living in an ecosystem, the higher its productivity and the greater its ability to withstand drought and other kinds of environmental stress. Since we depend on functioning ecosystem to cleanse our water, enrich our soil and create the very air we breathe, bio-diversity is clearly not something to discard carelessly.

In addition to creating a habitable environment, wild species are the source of products that help sustain our lives. Interestingly, more than 40 per cent of all prescriptions in the US

are substances originally extracted from plants, animals, fungi and micro-organisms. Aspirin, for example, the most widely used medicine in the world was derived from salicylic acid, which in turn was discovered in a species of meadowweet.

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TV Guide

Friday 28th April
(All programmes are in local time. The Daily Star will not be responsible for any change in the programme)

BBC
6:00 BBC World News 6:30 Talking Movies (Presenter: Tom Brook) 7:00 BBC World News 7:30 Asia Today 8:00 BBC News 8:30 Asia Today 9:00 BBC World News 9:30 Asia Today 9:45 World Business Report 10:00 BBC News 10:30 Click Online (Presenter: Stephen Cole) 11:00 BBC World News 11:30 Surrender In Saigon 12:00 BBC World News 12:30 Moneywise (Presenter: Sucharita Ghosh) 1:30 BBC World News 1:30 Top Gear 2:00 BBC World News 2:30 Surrender In Saigon 3:30 Hardtalk (Presenter: Tim Sebastian) 4:00 BBC World News 4:30 Talking Movies (Presenter: Tom Brook) 5:00 BBC World News 5:30 Surrender In Saigon 6:00 World Headlines 6:30 Moneywise (Presenter: Sucharita Ghosh) 7:00 BBC World News 7:15 World Business Report 7:30 Talking Movies (Presenter: Tom Brook) 8:00 BBC World News 8:30 Hardtalk (Presenter: Tim Sebastian) 9:00 BBC World News 9:30 Asia Today 10:00 BBC World News 10:15 World Business Report 10:30 Question Time India (Presenter: Dr Pranroy Roy) 11:00 BBC World News 11:35 World Business Report 11:45 World Sport 12:30 Hardtalk (Presenter: Tim Sebastian)

CHANNEL V
7:30 [V] Hit Machine 9:30 Virtual [V] 10:00 [V] Hit Machine 12:30 [V] Jungle Jukebox 1:00 [V] First Day First Show 1:30 [V] Hit Machine 4:30 Tea With [V] 5:00 Virtual [V] [V] Tea With [V] 5:30 Tea With [V] 7:00 [V] World Machine 8:00 [V] Jungle Jukebox 8:30 [V] Manga Hai 9:00 [V] Hit Machine 9:30 [V] First Day First Show 10:00 [V] Hit Machine 10:30 [V] Late Night 12:30 [V] Hit Machine

STAR PLUS
6:30 Nainad 7:30 Good Morning India (News Ent) 9:15 The Trial Show 9:30 TVC Shopping 10:00 Zindagi Com #43 10:30 Daily Soap: Maal Hai To Taal Hai #145 11:00 Jubilee Plus 11:30 Daily Soap: Kabhie Kabhie 12:00 Shock TVI #42 12:30 TVC Shopping 1:00 Hit Ya Fit #257 1:30 Daily Soap: Saahil #40 2:00 Zindagi Com #42 2:30 Daily Soap: Swabhimani #476 3:00 Antaraal #17 (Om Puri) 3:00 Friday Tea Time (Cinema: Hirasat (Mithun, Anita Raaj, Hema Malini, Shatrughan Sinha) 6:30 Daily Soap: Maal Hai To Taal

Hai #145 7:00 Hit Ya Fit 7:30 Star News (Hindi) 8:00 Kuchha Paapad Pucca Paapad #43 (Anchore-Nasira) 8:30 Zara Hat Ke Zara Bach Ke #31 (Harish Pathak, Kabita Kapoor, Rajesh Puri, Ashis Kaul) 9:00 Dhund #33 (Pooja Bhatt, Akshay Anand, Ali Khan, Ashutosh Rana, Arif Zakaria) 9:30 Star News 10:00 Master Card Family Fortune 10:30 Star Talk #56 11:00 Aaj Ki Baat 11:30 Zameen Aasman-5 12:00 Star News-Late Night Edition 12:30 Daily Soap: Swabhimani 1:00 Daily Soap: Saahil 1:30 Aaj Ki Baat 2:00 Daily Soap: Maal Hai To Taal Har, Sont Razzan 3:00 Serial: Pal Chinn 3:30 Master Card-Family Fortune 4:00 Star Talk 4:30 Zameen Aasman-5 5:00 Nainad

STAR WORLD
6:30 Hollywood Squares 7:00 Martin Short Show 8:00 Home Improvement 8:30 Happy Days 9:00 Series: Walker Texas Ranger #205 Episodes: Due South #51 11:00 The Oprah Winfrey Show 2:00 Series: World's Wildest Police Video #20/26 1:00 Ooh La La #7/25 1:30 The Bold And The Beautiful #2176 2:00 Martin Short Show 3:00 The New WKRP In Cincinnati 3:30 Happy Days 4:00 Hollywood Squares 4:30 Home Improvement 5:00 Star News Asia 5:05 Fox World Business Report 5:30 Daily Soap: Friends Ep. The Screamer (Jennifer Aniston, Courteney Cox, Lisa Kudrow, Matt LeBlane, Matthew Perry, David Schwimmer) 6:00 Series: Dr Quinn Medicine Women 6:55 Star News Asia 7:00 Series: Strange Luck #11/17 Ep: Brothers Grim 8:00 Series: Murder Call #50 Ep: Evil Carnices 9:00 Daily Soap: Friends Ep: Jennifer Aniston, Courteney Cox, Lisa Kudrow, Matt LeBlane, Matthew Perry, David Schwimmer) 9:30 Series: Dr Quinn Medicine Women 10:30 Series: Strange Luck #11/17 Ep: Brothers Grim 11:30 Series: The Simpsons 12:00 3rd Rock From The Sun 12:30 Daily Soap: Friends Ep: Jennifer Aniston, Courteney Cox, Lisa Kudrow, Matt LeBlane, Matthew Perry, David Schwimmer) 1:00 Series: Dr Quinn Medicine Women 2:00 Series: Strange Luck #11/17 Ep: Brothers Grim 3:00 Series: Jerry Savelle Mindy 3:30 Skillet World 4:00 Series: Creflo Dollar: Changing Your Way 4:30 Dollar 4:30 World 5:00 Lassic 5:30 Kid Says The Darndest Things 6:00 Batman

STAR MOVIES
7:30 Drama: Dangerous Minds (Michelle Pfeiffer, George Dzundza, Courtney B. Vance, Robin Bartlett) (PG) 9:30 Action Last Great Warrior (PG) 1:30 Thriller: Black Death

Star Sports
7:30 Asian Football Show 8:30 Live-NBA Playoffs 1st Round 11:00 Live-NBA Playoffs 1st Round 12:30 WTA Tour- Bausch & Lomb C' Ship 1:15 Motorsport News 2:00 Sports Inside Cricket: 1st Session 3:00 Fox Sports News 5:30 Asia Sport Show 6:00 Max Power 7:00 Inside The PGA Tour 7:30 ANZ Sportline 7:35 WWF Live Wire 8:30 Asian Football Show 11:00 Inside Cricket: 1st Session

ESPN
5:30 Live- NHL Playoffs Conference Semifinals Game #1 8:30 Kiana'S Flex Appeal 9:00 Cable & Wireless Test Series 2000 Jamaica, West Indies- Zimbabwe Vs West Indies 2nd Test, Day 4, Highlights 10:00 Billiards ESPN World Snooker: 2000 Scottish Open Aberdeen, Scotland Semifinal #2 12:00 Live- Sportscenter Bristol, Ct USA 1:00 FIH Women's Olympic Qualifiers 2000 Milton Keynes, England- Great Britain Vs New Zealand Final, 2:30 English Premier League Highlights 3:30 UEFA Champions League Highlights 9:00 Weekly #25 Qf Leg 2 H/Ls 4:30 Extreme Bloopers Wrecked 5:00 World Of Rugby 5:30 Billiards ESPN World Snooker: 2000 Scottish Open Aberdeen, Scotland Final 7:30 ATP Tennis Show 8:00 Spanish League Highlights 1999/00 8:30 Italian Serie A Football 1999/ 2000 10:30 FIH Women'S Olympic Qualifiers 2000 Milton Keynes, England- Great Britain Vs New Zealand Final 12:00 Motorsports, Asia 12:30 Boston Marathon 2000

ZEE MOVIES
8:30 OST 9:00 Film: Bushido Blade 11:00 Hollywood Remembers 11:30 Film: Delta Force Commando 12:30 OST 2:00 Film: The Girl In The

ZEE ENGLISH
8:00 Late Show With David Letterman 9:00 Three'S Company 9:30 Can't Hurry Love 10:00 Music Zone 10:30 The Roseanne Show 11:30 Mixed Doubles 12:00 ER 1:00 The Roseanne Show 2:00 Music Zone 2:30 Friends 3:00 Can't Hurry Love 3:30 ER 4:30 The Roseanne Show 5:30 The Music Show 6:00 Three'S Company 6:30 Mixed Doubles 7:00 The Roseanne Show 8:00 Spice 8:30 Friends 9:00 Kate & Allie 9:30 Candido Camera 10:00 Touched By An Angel 11:00 News 11:30 Late Show With David Letterman 12:30 Friends 1:00 News 1:30 The Roseanne Show

PTV-2
8:00 Tilawat Aur Tarjuma/Hamd/Naat 8:20 Bolkay Haath 8:35 Sada-e-Kashmir 9:10 Dastarkhwaan 9:35 Karb (Serial) 11:00 Aap Ke Farnaah Pop 11:30 Fakir-E-Alam Game Show 12:30 Sports Prog 2:02 Bismillah 2:15 Fehm-Ul-Quran 2:40 Natak Rang 3:25 Ek Raat Ek Kahani 4:40 Sehat Aur Sukoon 5:25 Biology for 10th 5:55 Uffaq 6:25 Aqlous Course 7:20 Full House 7:45 English News 8:10 Fun Time Poppet Show 8:30 Tiffin 8:45 Paal Do Paal (Serial) 9:00 Break for Headlines News 10:00 Khabarnama & Commercial News 10:35 Hollywood Top Ten Countdown Film Music 11:35 Serial: Pinjira 12:00 Friday Night Classic Cinema & Khas Khabrain/Close Down

ZEE INDIA TV
7:30 Zee News: Hindi 8:00 Morning Zee News Outlook 9:30 Zee News: Hindi 10:00 News In English 7:00 Business News 7:30 Zee News: Hindi 8:30 Business News 9:00 News In English 10:00 Zee Prime Time Show 11:00 Zee News: Hindi 11:30 News In English 12:00 Zee News: Hindi 12:30 AM to 06:30 AM Every Half Hour - Zee News: Hindi

MTV INDIA
7:00 Non Stop Hits 8:00 MTV Classic VJ Sarah / Rahul 9:00 MTV Hungry 9:30 Pop Indonesia 10:00 MTV Non-Stop Hits 10:30 MTV Most Wanted VJ Shehnaaz 11:30 MTV Top 1:30 MTV MTV Hit Film Music 1:00

MUSIC ASIA
7:30 Aalaap 8:00 Ta Ra Rum 9:00 Brake Fall 10:00 Ranganee Tarane 10:30 Hit Mix 11:00 Brake Fall 11:30 Ponds All Time Romantic Hits 12:30 Bajaj Music Box 12:30 Saare Ga Ma Classic 1:00 Himani Gold T, Jharokha 2:00 Super Hamani Old Is Gold 2:30 Dial M 3:30 Brake Fall 4:30 Bajaj Music Box 5:00 Jhakaas 5:30 Hit Mix 6:00 Saare Ga Ma Classic 7:00 Brake Fall 8:00 Disco Mein Kisoo 8:30 Music Asia Live 9:00 First Take/News 9:30 Bajaj Music Box 10:00 DSP Sizzlers 10:00 Himani Gold T, Jharokha 11:00 Dil Se 11:30 Shabb 12:00 Music Zone 1:00 Brake Fall 1:30 Himani Gold T, Jharokha 2:00 Bajaj Music Box 2:30 Disco Mein Kisoo 3:00 Ta Ra Rum 4:00 Music Zone 5:00 Brake Fall

DD7 BANGLA
8:40 Khas Khabar 10:25 Janmadin 10:35 Daily Sopa: Sree Ram Krishna 11:00 Daily Sopa: Dropadi 11:15 Classical/Folk Songs 11:30 Parliament Hour/Musical 12:30 Bengali Movie 3:00 Daily Sopa: Maha Prabhu 3:55 Daily Soap: Bhul Thikanay 4:20 Nepali Prog 5:05 Drama 5:30 News 5:40 Gaan 5:50 Palli Katha 6:10 Sopner Gaan 6:40 Khas Khabar 6:50 Janmabumi 7:30 Bangla Sarambar 8:00 Pandit Mashal 8:30 Daily Sopa: Janmabumi 9:30 Daily Sopa: Dropadi 10:00 Khas Khabar 12:30 Mokho Mukhi 10:50 Sambad 11:20 Bengali Movie

DD CHANNEL-1
5:55 Vande Mataram 6:15 CIET Programme 6:30 UGC Prog 7:00 IGNOU Programme 7:30 Samachar 7:45 Suba Sabera 8:05 The News 8:45 Suba Sabera 9:32 Centrestage-Current Affairs Programme 10:00 National Literacy Mission Programme 10:32 Tarang- CIET Programme 11:00 ETV Programme 11:30 Ardhange (Serial) 12:00 Serial: Kamyabi 12:32 Serial: Intezaar Aur Sahi 12:55 Serial: Kiran 1:00 Serial: Tulshi 1:32 Serial: Agni 2:00

SONY TV
7:30 Aatma 8:00 Sant Asaram Wani 8:30 Chartisters (Trailer Show) 9:00 Aurat 9:30 Ek Mahal Ho Sapna Ka (Daily Soap) 10:00 Music Mantra (Trailer Show) 10:30 Ithaas 11:00 Nazdeekiyan 11:30 Ghar Ek Mandir 12:30 Chartisters (Trailer Show) 12:00 Movers & Shakers 1:30 Music Mantra (Trailer Show) 2:00 Boogi Woogi 2:30 Ek Mahal Ho Sapna Ka (Daily Soap) 3:00 Aurat 3:30 Daily Soap: Ghar Ek Mandir 4:00 Daily Soap: Ithaas 4:30 Daily Soap: Nazdeekiyan 5:00 Junoon 5:30 Cook It Up With Tarla Dalal 6:00 Boogi Woogi 6:30 Hum Sub Ek Hain #90 7:00 The Poppadam Show 7:30 Music Mantra (Trailer Show) 8:00 Chartisters (Trailer Show) 8:25 Cats #10 Ep: 9:35 Heena #70 (Rakhi Bhajan, Simran Singh, Rahul Bhatt, Nina Kulkarni) 10:05 Tujh Pe Dil Queraan #6 (Parmesh Sheth, Grusha Kapoor, Ronit Roy) 10:40 Movers & Shakers 11:30 Ek Mahal Ho Sapna Ka (Daily Soap) 12:00 Karvadaan #27 (Kiran Kher, Poonam Narula) 12:30 Boogi Woogi 1:00 Just Mohabbat #145 1:30 I Love You #21 Ep: (Anup Soni, Shruty Uita) 2:00 Movers & Shakers 3:00 Daily Soap: Nazdeekiyan 3:30 Cine Nite-Film

ZEE TV
6:00 Yaadon Ki Pal-B/W Songs 6:30 Zee News 7:00 Bhakti Songs 7:30 Jagran 7:55 Fitness Plus 8:05 Guldasta 8:30 Zara Has Ke- Hai Zindagi 9:00 Zara Has Ke-Filmi Chhakar 9:30 Disney Hour (Cartoon) 10:30 Ek Nazar 11:00 Kasak 11:30 Sare Jahan Se Achha 12:00 Muskan 12:30 Naye Nazrane 1:00 Bournvita Quiz Contest 1:30 Suniye Zee Suniye Zee 2:00 Daily Sopa-Hum Paanch 2:30 Saath Saath 3:00 Kartavya 3:30 Cinema Hits- HF Film: Raja (Rishi Kapoor, Sulakshana Pandit) 6:30 Ek Nazar 7:00 Disney Hour 8:00 Chalo Cinema 8:25 Close Up Antakshri 9:00 Ashwini 9:30 Tejaswini 10:00 Huqumat 10:30 Thriller at 10:11:00 Aangan 11:30 Kartavya 11:55 Jhalak 12:00 Hum Paanch 12:30 Kasti 1:00 Naya Zamana 1:30 Hudd Kar Di 2:00 Sansar 2:30 Naye Nazrane 3:00 Hindi Feature Film: Chhar Diwari (Shashi Kapoor, Nanda)

ALPHA TV
6:30 Aalaap 7:00 Kee Darun Dreshow 7:30 Monihar 8:00 Serial: Bhalo Basha 8:30 Serial: KuruKhetra 9:00 Serial: Shyaala (Kushal Banerjee, Pallab, Sabhasachi, Biplob Chatterjee) 9:30 Serial: Mitr Bari 9:10 10:00 Serial: Ek Akasher Niche 10:30 Serial: Swaponnee 11:00 Serial: Abhisarya #7 11:30 Serial: Margarita 12:00 Serial: Jiban Jeban 12:30 Serial: Ek Akasher Niche 1:00 Hiyar Majhe 1:30 Khana Khazana 2:00 Serial: Aaah 2:30 Bangla Movie- Aandhare Alo 5:00 Bharat Bhroman 5:30 Asian Sky Show 6:00 Serial: Girihalksh Meer Jinn 6:30 Serial: Bhorer Alo 7:00 Serial: Anya Bhuvan #8 7:30 News In Bangali 8:00 Serial: Ekushe Pa 8:30 Serial: Ek Akasher Niche 9:00 Serial: Sanghaat 9:30 Serial: Aamar Probashi #7 10:00 News In Bangali 10:30 Serial: Mitr Bari #9 11:00 Serial: Ek Akasher Niche 11:30 Serial: Swaponnee 12:00 Serial: Abhisarya #7 12:30 Bharat Bhroman 1:00 Girihalksh 1:30 Bangla Movie- Aandhare Alo 4:00 Serial: Bhorer Alo 4:30 Serial: Ekushe Pa 5:00 Serial: Aamar Probashi #7 5:30 Serial: Sanghaat

SONY MAX
6:30 Film Show: Badle Ki Aag (*Sunil Dutt, Jeetendra, Dharmendra) 9:30 Ikka Pe Ikka 10:00 Tharna 10:15 Movie Fare 10:30 Film Show: Shaan-E-Ilahi (*Sachin, Navin Nischol) 1:00 All Times Hits 1:45 Madhyantar 2:00 Film Show- Ch Bewala (*Rajendra Kumar, Anil Dhawan) 5:30 Abhineri 6:00 Chharen 6:15 Film Time 6:30 Friday Favourite Film Show- Adalat (*Nargis, Pradeep Kumar) 10:15 Movie, Masti, Magic 10:20 Cine News 10:30 Film Show- Milan (*Jacqueline Shroff, Manisha Koirala) 2:20 Cine News 2:30 Film Show- Jaan Ki Baazi

NATIONAL GEOGRAPHIC
7:00 Family Hour 8:00 Mammots of the Ice Age 9:00 Family Hour 10:00 Wild 11:00 Science Adventures 12:00 Ocean Worlds 12:30 World On A Plate 1:00 Science Adventure 2:00 National Geographic Explorer 3:00 Wild 4:00 Shark Feeders 4:30 Timing The Wild River 5:00 Family Hour 6:00 Wild 7:00 Science Adventures 8:00 Ocean Worlds 9:00 World On A Plate 9:30 Wild 10:30 Science Adventure 11:30 Ocean Worlds 12:30 Wild 1:00 Mammots of the Ice Age

CARTOON NETWORK
6:30 Tom & Jerry Kids 7:00 Flintstones 7:30 The Popeye Show 8:00 Dexter's Laboratory 8:30 I Am Weasel 9:00 The Powerpuff Girls 9:30 Batman The Animated Series 10:30 Sylvester & Tweety Mysteries 10:30 Garfield & Friends 11:00 Casper And The Angels 11:30 Tom & Jerry Kids 12:00 Tiny Toon Adventures 12:30 The New Scooby Doo 1:30 The Road Runner Show 2:00 Tom & Jerry Kids 2:30 Garfield & Friends 3:00 Flintstones 4:00 The Mask 4:30 Swat Cats 5:00 Scooby & Scrappy Doo 5:30 Dexters Laboratory 6:00 I Am Weasel 6:30 The Powerpuff Girls 7:00 The Popeye Show 7:30 Scooby Doo Where Are You? 8:00 Sylvester & Tweety Mysteries 8:30 Garfield & Friends 9:00 Extreme Ghostbusters

DISCOVERY CHANNEL
6:30 Ushuala 7:30 Traversers 8:30 Lonely Planet 10:00 Danger Zone 11:00 Outer Bounds 11:30 Shark Shes 12:30 Wild Discovery 1:30 Medical Detectives 2:30 Discover Magazine 3:30 Travelers 4:30 Ushuala 5:30 Lonely Planet 6:30 Naturequest 7:00 Crocodile Hunter's Core Files 7:30 Ultimate Guide 8:30 Wild Discovery 9:30 Seatek 10:00 Medical Detectives 10:30 Lonely Planet 11:30 Discovery Profile Series 12:30 Wild Discovery 1:30 Seatek 2:00 Medical Detectives 2:30 Lonely Planet 3:30 Discovery Profile Series 4:30 Split 5:00 Beyond 2000 5:30 Discover Magazine